Radio Shack

Exclusive Products for 1983 by the Leader in Electronics/Microcomputer Manufacturing and Retailing, The Nationwide Supermarket of Sound

RIDE HOME WITH A WINNER! This year's "Everything System" features our new STA-790 stereo receiver with built-in 7-band graphic equalizer. It gives you the controls to make your listening room sound acoustically perfect. You also get a pair of our new Optimus-40 speakers with time-aligned tweeters for a life-like presence in your music. Our belt-drive LAB-290 with cartridge and dust cover. Plus our new SCT-29 metal-capable cassette deck with soft-touch controls. To make it easier to take home, we've cut the "each" price by 24% when you buy the complete system.

Save $220.75

Reg. Separate Items $919.75 **$699**

Make Radio Shack Your Telephone Company™

Cordless-Handset Phones. Enjoy walk-and-talk convenience. For wall or desk. Low as 99.95. Page 159.

Why Rent? Buy the Latest In Phones and Accessories From Us—And Save!

Fully Portable Cordless Telephones. Make and take your calls indoors or outdoors. Low as 139.95. Page 158.

Automatic Answering Systems. Never miss an important call again. For home and business. Low as 89.95. Pages 160-161.

Plugs, Jacks and Adapters. For easy, instant connection of Radio Shack telephones and accessories. Page 165.

Desk and Wall Phones. In popular colors and styles. Highest quality. Low as 39.95. Pages 156-157.

IT'S LEGAL! Since 1977, it's been legal to connect your own telephones and accessories, as long as they are FCC registered. Radio Shack telephone equipment is FCC registered.

IT COSTS LESS! Over a period of time, the money you save on monthly rental fees will actually pay for your purchase. For example, Southern Bell in Atlanta charges $3.50 per month for its Princess® Touch-Tone® phone, a total of $42 per year. Radio Shack's Compact Tone-Fone® costs only $39.95. There's NO installation charge or monthly rental, so it pays for itself in a year. After that, it's money in your pocket! Of course, not all of our phone equipment will pay off for you so quickly, but it's easy to see the potential for big savings.

CONNECT IT YOURSELF! Radio Shack phones and accessories include a modular plug which inserts instantly into any standard telephone modular jack. Make Radio Shack your telephone company and start saving, today!

Quoted, for comparison only, are residential rates of Southern Bell in Atlanta, Georgia as of January 27, 1982. Charges may vary. Consult your local telephone company. Princess and Touch-Tone are trademarks of AT&T.

Automatic Dialers. Fast, error-free one-touch dialing of all your frequently called numbers. Low as 49.95. Pages 162-163.

Telephone Amplifiers. For hands-free talking and listening, family and conference calls. Low as 29.95. Pages 162.

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Radio Shack is 40 Million Satisfied Customers Enjoying Personal Service at Over 8400 Locations in 80 Countries

We're Also the Electronics Store That Owns and Operates 33 Plants in the USA, Canada and Overseas

Radio Shack, a 62-year-old company owned by Tandy Corporation (NYSE), manufactures about 50% of the products it sells. Self-manufacturing—whether it's a computer, a telephone or a video tape— helps us keep quality high, costs down, and customers happy. Over 7250 people work in 2,268,000 square feet of manufacturing, assembly and packaging space in California, Iowa, New Jersey, Texas, Canada, France, Japan, South Korea, and Taiwan.

Radio Shack is the Store With Exclusive Brands, World Famous for Quality, and Backed by Service

Radio Shack products are either built by us, or custom-made for us and no one else. Our quality control engineers maintain high standards, so you can be sure of dependability. In addition, Radio Shack products are backed by meaningful warranties. Expert service and original factory parts are available through our stores everywhere. Radio Shack has 250 company-operated repair centers in the USA alone.

Radio Shack is the Store With Friendly, Informed Salespeople

Because they deal only in our brands, they know the products and can answer your questions. You get *personal* service at Radio Shack! If you live in a smaller community or rural area, a store near you may be a Dealer or Franchisee for our brands—look for our sign.

Radio Shack Computer Centers—Specializing in Our TRS-80® Line

Our complete line of computers and office equipment is on display at our 360 Computer Centers around the world. Professionals can answer your questions in plain language, arrange hands-on equipment demonstrations, and explain our leasing and service plans. Classroom training is also available. Most Radio Shack Computer Centers also have on-site service facilities. They are your one-stop "shopping centers" for the world's best-supported microcomputer—the TRS-80. You may place your order at the Computer Center or at the Radio Shack store or dealer nearest you.

EIA MEMBER. Our membership in the Electronics Industry Association is another assurance that our products meet high industry standards.

USE YOUR CREDIT CARD TO BUY NOW, PAY LATER. Honored at most of our locations. Other time-pay plans may also be available.

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Prices shown are cash prices and are subject to change without notice. Prices apply to participating stores in the continental USA but may vary from store to store. Radio Shack connot be liable for pictorial or typographical errors.

Our Lowest-Cost Digital Frequency Display Receiver

Auto-Magic® Tuning Locks in FM Stations Precisely

NEW FOR '83

27 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.08% total harmonic distortion

279.95

- *5-Segment LED AM/FM Signal Strength Indicator*
- *"30 Hz Cut" Pushbutton Limits Subsonic Distortion, Conserves Power*
- *Clean, Space-Efficient Styling • Easy Operation*

Realistic® STA-730. We've replaced the tuning dial and pointer with an easy-to-see fluorescent readout. LED FM stereo and perfect-tuning indicators and fluorescent MHz, kHz, FM and AM displays. The "30-Hz Cut" eliminates turntable rumble, helps protect speakers, reduces over-boosted bass and conserves power, too. Other luxury "touches" are six "thin-line" pushbuttons for A/B Speaker pairs, Auto-Magic, Mono/FM Mute Off, and Loudness. Ten-step bass and treble controls, separate volume and balance controls. Luxurious brushed "champagne-silver" cabinet. It all adds up to great sound for surprisingly little cost! U.L. listed. **31-2003** **279.95**

AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 81 dB phono, 92 dB aux. **Phono Input Overload:** 140 millivolts. **FM TUNER. Sensitivity (IHF):** 1.7 microvolts (9.8 dBf). **Capture Ratio:** 1 dB. **Signal-to-Noise Ratio:** 65 dB. **Image Rejection:** 55 dB. **Stereo Distortion:** 0.3%. **Stereo Separation (at 1 kHz):** 45 dB. **EXTERNAL CONNECTIONS:** AM antenna, 75/300-ohm FM Antenna, mag. phono, aux. tape in/out jacks, A and B speaker pairs, headphone jack, AC outlet, phono ground. **SIZE:** 3¾ × 16½ × 12¼".

Save $60.80 Reg. Separate Items 489.80 **429.00**

- *Realistic STA-730 Stereo Receiver*
- *Two Minimus-7W Walnut Veneer Speaker Systems*
- *LAB-130 Belt-Drive Turntable With $12.95 Realistic/ADC Cartridge*

Save $64.80 Reg. Separate Items 559.80 **495.00**

- *Realistic STA-730 Stereo Receiver*
- *Two Minimus-11 Speaker Systems*
- *LAB-77 Belt-Drive Changer With $19.95 Realistic/Shure Cartridge*

- *Realistic STA-730 Stereo Receiver*
- *Two Optimus-30 Walnut-Veneer Speaker Systems*
- *LAB-290 Belt-Drive Turntable With $29.95 Realistic/Shure Cartridge*

Save $70.80 Reg. Separate Items 619.80 **549.00**

Digital Synthesized Receiver With 12-Station Memory

"System Eleven" Advanced Slim-line Design With Special Equalizer to Enhance Bass From Mini-Speakers

30 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.02% total harmonic distortion

AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 90 dB phono, 100 dB aux. **Phono Input Overload:** 130 millivolts. **FM TUNER. Sensitivity (IHF):** 1.7 microvolts (9.8 dBf). **Capture Ratio:** 1.0 dB. **Signal-to-Noise Ratio:** 70 dB. **Image Rejection:** 75 dB. **Stereo Distortion:** 0.3%. **Stereo Separation (at 1 kHz):** 45 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, mag. phono, aux, tape in/out jacks, A and B speaker pairs, headphone jack, AC convenience outlet, phono ground. **SIZE:** 3¼ × 17⅜ × 14¼".

359.95

- *Sleek 3¼"-High "Champagne-Silver" Case*
- *Microprocessor Memory Holds 6 FM and 6 AM Stations*
- *Precise Tuning With Digital Frequency Readout*

Realistic STA-111. No more "turning the dial"! Just hold the tuning button in forward or reverse mode, and the digital circuit scans from each station to the next, tuning it in precisely. A big fluorescent digital readout shows the exact frequency. Enter the frequencies of your favorite stations in memory, then recall them *instantly* with just the touch of a button! Seven-segment LED AM/FM signal strength indicator. A special equalization changeover switch "tailors" output to match our Minimus-series and other mini-speakers. Detented bass, mid-range, and treble controls, too. Protective circuitry is built-in. U.L. listed. **31-2002 . . . . 359.95**

Save $60.80 Reg. Separate Items 599.80 **539.00**

- *Realistic STA-111 Stereo Receiver*
- *Two Minimus-7 Die-Cast Speakers*
- *LAB-290 Belt-Drive Turntable With $29.95 Realistic/Shure Cartridge*

Save $70.80 Reg. Separate Items 679.80 **609.00**

- *Realistic STA-111 Stereo Receiver*
- *Two Minimus-11 Die-Cast Speakers*
- *LAB-395 Direct-Drive Turntable With $29.95 Realistic/Shure Cartridge*

Save $80.80 Reg. Separate Items 759.80 **679.00**

- *Realistic STA-111 Stereo Receiver*
- *Two Minimus-50 Speaker Systems*
- *LAB-440 Direct-Drive Turntable With $39.95 Realistic/Shure Cartridge*

Realistic Brings You New Digital Technology To Make Tuning a Pleasure

Now you can have fingertip access to every FM and AM channel instantly, accurately, quietly. Soft-touch buttons take you to the exact center of the channel. How? The tuner's digital synthesis circuit uses a precision quartz crystal to correct its tuning more than 11-million times per second! This locks it exactly on-channel. You can't mis-tune! Off-channel distortion is a thing of the past, with our Realistic brand *digital tuning!*

Digital-Synthesized Tuning! Computerized Memory!

50 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.02% total harmonic distortion

439.95

- *Precise Quartz-Locked, Digital Tuning for Best Reception*
- *Microprocessor Memory Stores 16 Stations—8 FM and 8 AM*
- *Fluorescent Digital Readout Shows Exact Frequency*

"We found it a thoroughly fine receiver at a very reasonable price."* —Stereo Review

Realistic® STA-2250. Touch a button to scan up or down the bands automatically or manually—the system stops at each station, tunes it with pin-point accuracy, and displays the exact frequency on the readout. Program the memory for instant recall of your favorite stations. FM muting blanks out interstation tuning noise, and a Hi-MPX filter cleans up weak stereo signals. Six-level LED AM/FM signal strength meter. High and low filters help remove record scratch and rumble. Also has up-front tape monitoring and dubbing controls, 11-step bass, midrange and treble, 40-step volume with concentric balance control, stereo/mono switch. Overheat/overload protected. U.L. listed. **31-2095** **439.95**

AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 85 dB phono, 90 dB aux. **Phono Input Overload:** 170 millivolts. **FM TUNER. Sensitivity (IHF):** 2 microvolts (11.3 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 67 dB. **Alternate Channel Selectivity:** 65 dB. **Image Rejection:** 75 dB. **Stereo Harmonic Distortion:** 0.3%. **Stereo Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A and B speaker pairs, headphone jack, magnetic phono, aux, phono-type and DIN-type jacks for Tape 1 and Tape 2 input and output, AC convenience outlet, phono ground. **SIZE:** 5⅛ × 19⅜ × 13¾".

good

Save $80.80 Reg. Separate Items 779.80 **699.00**

- *Realistic STA-2250 Receiver*
- *Two Optimus-30 Walnut Veneer Speaker Systems*
- *LAB-290 Belt-Drive Turntable With $29.95 Realistic/Shure Cartridge*

better

Save $100.80 Reg. Separate Items 1019.80 **919.00**

- *Realistic STA-2250 Receiver*
- *Two Optimus T-110 Walnut Veneer "Tower" Speaker Systems*
- *LAB-440 Direct-Drive Turntable With $39.95 Realistic/Shure Cartridge*

best

- *Realistic STA-2250 Digital-Synthesized Receiver*
- *Two Optimus-40 Walnut Veneer Speaker Systems*
- *LAB-395 Direct-Drive Turntable With $29.95 Realistic/Shure Cartridge*
- *SCT-27 Metal-Capable Stereo Cassette Deck With Dolby* NR*
- *Rolling Audio Rack in Walnut-Grained Vinyl Veneer*

Save $129.70

Reg. Separate Items 1229.70 **1100.00**

* TM Dolby Laboratories, Inc.

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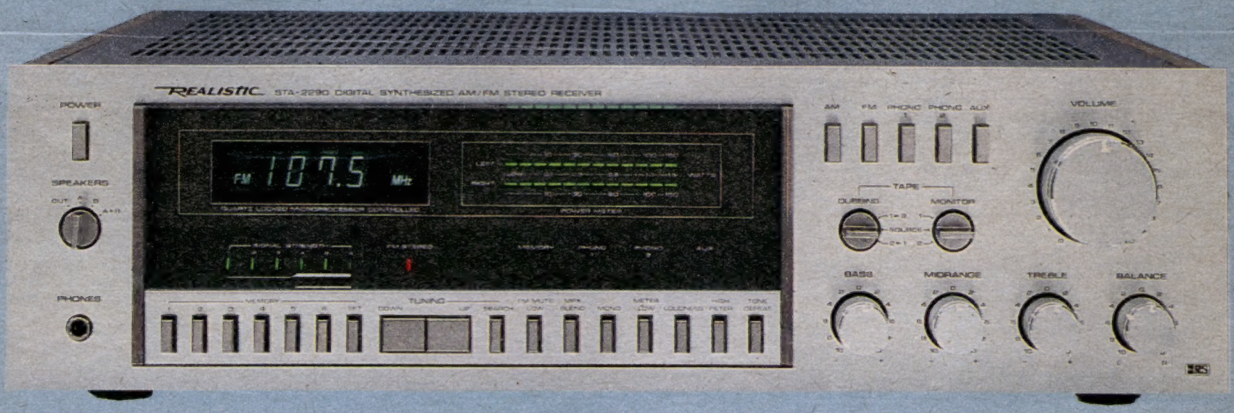
Our Top-of-the-Line Digital-Synthesized "Powerhouse"

Precision Quartz Crystal Locks Stations On-Channel

100 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.05% total harmonic distortion



AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 85 dB phono, 90 dB aux. **Phono Input Overload:** 230 millivolts. **FM TUNER. Sensitivity (IHF):** 1.8 microvolts (10.33 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 74 dB. **Alternate Channel Selectivity:** 70 dB. **Image Rejection:** 75 dB. **Stereo Harmonic Distortion:** 0.2%. **Stereo Separation (at 1 kHz):** 50 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A/B speaker pairs, headphone jack, preamp out, main amp in, phono and DIN-type jacks for Tape-1 and 2 in/out, Phono-1 and 2 input jacks, two AC outlets, phono ground. **SIZE:** 5⅛ × 19½ × 16⅛".

599.95

- *Memory Stores 12 Stations—6 FM and 6 AM—for Instant Recall*
- *LED Signal Strength and Ouput Power Meters*
- *Separate 21-Step Bass, Treble and Midrange Controls*
- *Human-Engineered Controls for Ease of Operation*

Realistic STA-2290. One of the finest receivers we've ever offered! You get the latest in microprocessor and audio technology for sonic purity and versatility. Exact FM or AM frequency is displayed on the large fluorescent readout with FM, AM, MHz and kHz indicators. Feather-touch tuning lets you manually move up or down the FM band in 200 kHz steps, and 10 kHz steps on AM or, use the Search mode to automatically scan up or down to the next station. Features inputs and outputs for two tape decks with tape monitoring and dubbing capabilities. Three linear-phase ceramic filters provide superb selectivity with low distortion. Fully protected against overheating and overload. U.L. listed. **31-3009** **599.95**

Save $120.80 Reg. Separate Items 1119.80 **999.00**

- *Realistic STA-2290 Receiver*
- *Two Optimus T-110 Walnut Veneer "Tower" Speakers*
- *LAB-395 Direct-Drive Turntable With $29.95 Realistic/Shure Cartridge*

Save $130.80 Reg. Separate Items 1299.80 **1169.00**

- *Realistic STA-2290 Receiver*
- *Two Mach One Liquid-Cooled Speaker Systems*
- *LAB-440 Direct-Drive Turntable With $39.95 Realistic/Shure Cartridge*

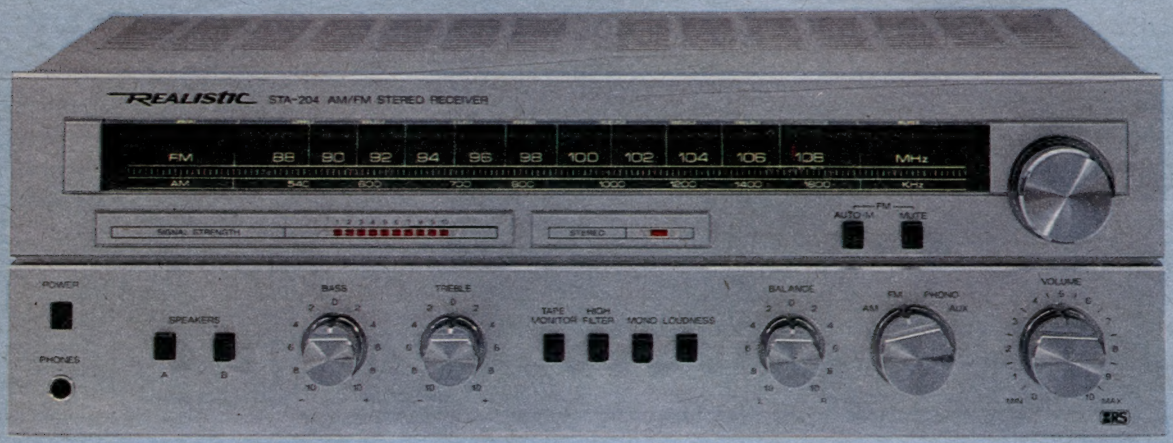
- *Realistic STA-2290 Digital-Synthesized Receiver*
- *Two Optimus T-300 "Tower" Speaker Systems*
- *LAB-2000 Linear-Tracking Direct-Drive Turntable*
- *SCT-33 Cassette Deck • Ten-Band Equalizer*
- *PRO-60 Stereo Headphones • Deluxe Rolling Audio Rack*

Save $225.60

Reg. Separate Items 2124.60 **1899.00**

ALL REALISTIC TURNTABLES INCLUDE BASE, DUST COVER AND CARTRIDGE—NO EXTRAS TO BUY

Realistic® Stereo—Easy to Use, and Easy to Afford



NEW FOR '83

16 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.08% total harmonic distortion

199.95

- ***Exclusive Auto-Magic® Fine-Tunes and Locks-In FM***
- ***10-Segment LED AM/FM Signal Strength Meter***
- ***Separate 11-Step Bass and Treble Adjustment Controls***
- ***FM Mute Circuit Eliminates Interstation Tuning Noise***

Realistic STA-204. An inexpensive way to make the move up to quality component hi-fi! The tuner section features extra-high sensitivity combined with exceptionally low noise. Auto-Magic fine-tunes FM stations and locks them on-frequency. Special circuitry automatically activates a unique rumble filter when the bass control is moved from its center position. High-filter reduces hiss and record scratch. Loudness pushbutton boosts high and low frequencies for full-range sound even at low volume levels. Center-detent balance control, LED FM stereo indicator, mono/stereo button, tape monitor, lighted dial. U.L. listed. **31-2099** **199.95**

AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 78 dB phono, 90 dB aux. **Phono Input Overload:** 100 millivolts. **FM TUNER. Sensitivity (IHF):** 2.5 microvolts (13.2 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 73 dB. **Alternate Channel Selectivity:** 52 dB. **Image Rejection:** 55 dB. **Stereo Harmonic Distortion:** 0.4%. **Stereo Separation (at 1 kHz):** 43 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A and B speaker pairs, headphone jack, tape in/out, magnetic phono, DIN-type tape in/out, aux, unswitched AC outlet, phono ground. **SIZE:** 47/8 x 155/8 x 8".

Save $90.70

Reg. Separate Items 689.70

599.00

*TM Dolby Laboratories, Inc.

- ***Realistic STA-204 AM/FM Stereo Receiver***
- ***Two Nova-500 Walnut Vinyl Veneer Speaker Systems***
- ***LAB-130 Belt-Drive Automatic Turntable With $12.95 Realistic/ADC Cartridge***
- ***SCT-24 Metal-Capable Stereo Cassette Deck With Dolby NR****
- ***Custom-Designed Audio Rack in Walnut Vinyl Veneer***

Buy a Complete System to Save Money and Assure a Proper "Match"

Take the guesswork out of hi-fi shopping! Visit your nearby Radio Shack to see and hear what's *really* new in stereo—matched systems. Now it's easy to buy an attractive, well-balanced system—without worrying about power ratings, correct speaker impedance and other confusing technical factors. We do the combining for you—saving you a lot of driving, footwork and time. Let one of our expert salespeople give you a personal hands-on demonstration soon!

Save $80.75 Reg. Separate Items 579.75 **499.00**

- ***Realistic STA-204 AM/FM Stereo Receiver***
- ***Two Minimus-11 Die-Cast Metal Speaker Systems***
- ***LAB-130 Belt-Drive Automatic Turntable With $12.95 Realistic/ADC Cartridge***
- ***SCT-24 Stereo Cassette Deck With Dolby NR***

Stereo Tuner and Amplifier Combo for Music Lovers

NEW FOR '83

30 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.08% total harmonic distortion

AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 78 dB phono, 92 dB aux. **Phono Input Overload:** 140 millivolts. **FM TUNER. Sensitivity (IHF):** 2.5 microvolts (13.2 dBf). **Capture Ratio:** 2.0 dB. **Signal-to-Noise Ratio:** 70 dB. **Alternate Channel Selectivity:** 50 dB. **Image Rejection:** 44 dB. **Stereo Harmonic Distortion:** 0.6%. **Stereo Separation (at 1 kHz):** 36 dB. **EXTERNAL CONNECTIONS:** AM and 300-ohm FM antennas, mag. phono, aux, tape in/out, mixed output, speaker pair, one switched and one unswitched AC outlet, phono ground, antenna ground. **SIZE:** 3 1/4 x 16 7/8 x 9 1/4", each unit.

BOTH FOR ONLY

299.95

Available Sept. 15, 1982

- ***Exciting Microphone Echo Feature With Variable Intensity Control***
- ***Auto-Fade In/Out Eliminates "Pops" When Switching Functions***
- ***Dual 6-Segment LED Output Power Meters***
- ***5-Segment LED AM/FM Signal Strength Meter Aids for Easy Tuning***

Realistic ST-500/SA-500. What a pair! This stereo amplifier and tuner share tasteful slim-line styling and a wealth of innovative studio-like features. The amplifier's special muting system automatically fades audio in and out when you switch functions. Slide-action controls for bass, treble, mike-level and echo, special "fading green lamp" indicator for Auto-Fade, large volume knob, center-detent balance control and two 1/4" mike inputs. Pushbuttons for phono, tuner, tape, aux and power. Tuner features edge-lit slide-rule tuning dial, LED FM stereo indicator and mono/stereo button. Give this dynamic duo a listen soon! U.L. listed. **31-3011** **299.95**

Unique Voice-Over/Accompaniment Lets You Join in the Music!

Our ST-500/SA-500 lets you do *more* than just listen! Plug in a pair of mikes to add your voice to amplified music, amplify a musical instrument, or use the system as a PA! Variable Echo feature works with mikes to achieve dramatic effects.

Save $120.75 Reg. Separate Items 819.75 **699.00**

- ***Realistic ST-500/SA-500 AM/FM Stereo Tuner/Amplifier***
- ***Two Minimus-50 Speaker Systems***
- ***LAB-290 Belt-Drive Automatic Turntable With $29.95 Realistic/Shure Cartridge***
- ***SCT-500 Metal-Capable Stereo Cassette Deck***

Save $130.70

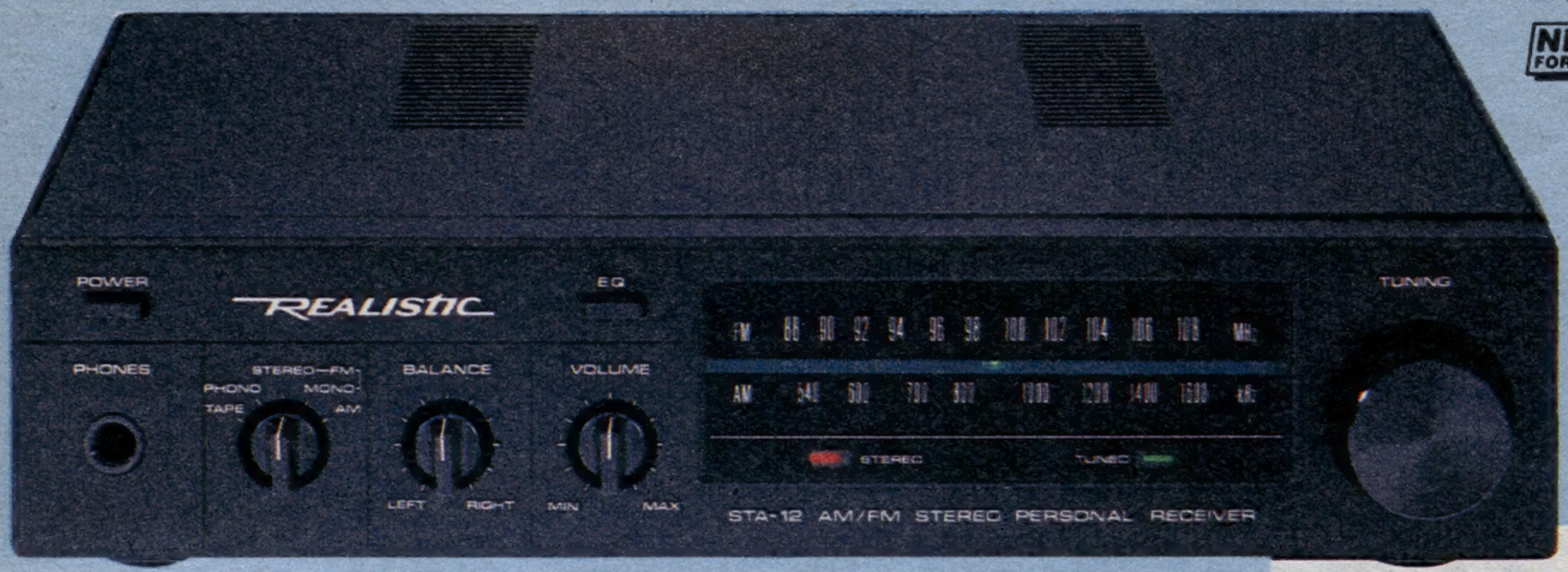
Reg. Separate Items 989.70

859.00

- ***Realistic ST-500/SA-500 AM/FM Stereo Tuner/Amplifier***
- ***Two Optimus-40 Walnut Veneer Speaker Systems***
- ***LAB-395 Direct-Drive Automatic Turntable With $29.95 Realistic/Shure Cartridge***
- ***SCT-500 Stereo Cassette Deck With Auto-Search Music System***
- ***Rolling Audio Rack in Walnut-Grained Vinyl Veneer***

Big-Stereo Performance in a Personal-Size Receiver

So Small It Fits Almost Anywhere! Packed With Deluxe Features!



NEW FOR '83

5 watts per channel, minimum rms into 8 ohms from 40-20,000 Hz, with no more than 0.9% total harmonic distortion

119.95

Available Oct. 30, 1982

- *EQ Button for Deep Bass From Our Minimus® Speakers*
- *Easy-to-Read Tuning Dial With LED Frequency Pointer*
- *Exclusive Auto-Magic® Fine-Tunes and Locks-In FM Stations*
- *Stereo Headphone Jack • FM Stereo and Tuning LEDs*

Realistic STA-12. Don't be fooled by its small size—it's a solid performer that delivers superb sound, yet so small it's even at home on a desktop! Use the STA-12 to power a small system in dorm or office, or a second system for your den or shop. Unique rear-panel "BTL" switch boosts output power to 10 watts in mono mode for use as a space-efficient background system. Separate balance and volume controls, pushbuttons for EQ and power, function switch for FM mono, FM stereo, AM, phono and tape. U.L. listed.

31-1965 . . . . . **119.95**

AMPLIFIER. Frequency Response: 40-20,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 70 dB phono, 72 dB aux. **FM TUNER. Sensitivity (IHF):** 7.0 microvolts (22.3 dBF). **Capture Ratio:** 3.0 dB. **Signal-to-Noise Ratio:** 60 dB. **Alternate Channel Selectivity:** 55 dB. **Image Rejection:** 38 dB. **Stereo Harmonic Distortion:** 1.0%. **Stereo Separation (at 1 kHz):** 35 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, main speaker pair, headphone jack, tape in/out, mag. phono, phono ground. **SIZE:** 2⅝ x 10⅜ x 6¾".

good

Save $14.90

Reg. Separate Items 139.90

125.00

High-Performance, 10-Watt Background Music System

- *Realistic STA-12 Personal Receiver*
- *Minimus-3.5 Full-Range Speaker*

better

Save $20.85 Reg. Separate Items 219.85 **199.00**

- *Realistic STA-12 AM/FM Stereo Personal Receiver*
- *Two Minimus-7 Die-Cast Metal Speaker Systems*

best phono

Save $30.80 Reg. Separate Items 319.80 **289.00**

- *Realistic STA-12 Personal Receiver*
- *Two Minimus-7 Die-Cast Metal Speaker Systems*
- *LAB-75 Belt-Drive Changer With $12.95 Realistic/ADC Cartridge*

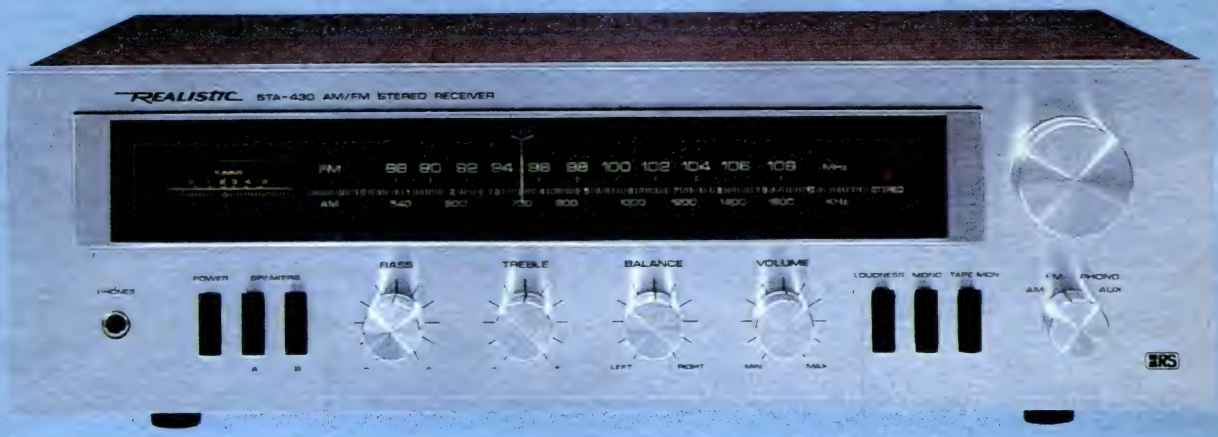
best tape

Save $30.80 Reg. Separate Items 319.80 **289.00**

- *Realistic STA-12 Personal Receiver*
- *Two Minimus-7 Die-Cast Metal Speaker Systems*
- *SCP-5 Auto-Reverse Cassette Playback Deck*

A Low-Cost Receiver—Perfect for Your First System

10 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.6% total harmonic distortion



AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 89 dB phono, 72 dB aux. **Phono Input Overload:** 90 millivolts. **FM TUNER. Sensitivity (IHF):** 2.8 microvolts (14.1 dBf). **Capture Ratio:** 3.0 dB. **Signal-to-Noise Ratio:** 65 dB. **Alternate Channel Selectivity:** 45 dB. **Image Rejection:** 50 dB. **Stereo Harmonic Distortion:** 0.6%. **Stereo Separation (at 1 kHz):** 34 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A and B speaker pairs, headphone jack, tape in/out, magnetic phono,aux, AC outlet, phono ground. **SIZE:** 5 11/16 × 16 7/16 × 12".

159.95

- ***Clean Styling • Attractive Brushed Aluminum Front Panel***
- ***Tape Monitor Circuit for Use With Three-Head Decks***
- ***Lighted Dial and Signal Strength Meter for Precise Tuning***

Realistic STA-430. The craftsmanship, performance and looks you expect from Realistic, at a remarkably low price! It's a great start if you're putting together your first system. Loudness pushbutton enhances bass response for full-range sound when listening at low volume levels. Phase-locked loop integrated circuit provides wide stereo channel separation and the direct-coupled power amplifier will drive two sets of speakers. Features A, B and Both speaker-pair switching, center-detent balance, boost-and-cut bass and treble controls, LED FM stereo indicator, stereo/mono switch. Walnut-grained vinyl veneer finish. U.L. listed. **31-2092 . . . . . 159.95**

Save $30.80 Reg. Separate Items 299.80 **269.00**

- ***Realistic STA-430 Receiver***
- ***Two Minimus-17 Full-Range 5" Cube Speakers***
- ***LAB-130 Belt-Drive Turntable With $12.95 Realistic/ADC Cartridge***

Save $40.80 Reg. Separate Items 379.80 **339.00**

- ***Realistic STA-430 Receiver***
- ***Two Minimus-7W Speaker Systems***
- ***LAB-75 Belt-Drive Changer With $12.95 Realistic/ADC Cartridge***

- ***Realistic STA-430 AM/FM Stereo Receiver***
- ***Two MC-1401 Walnut Veneer Speaker Systems***
- ***LAB-77 Precision Belt-Drive Changer With $19.95 Realistic/Shure Cartridge***

Save $44.80

Reg. Separate Items 419.80 **375.00**

CONVENIENT CHARGE AND TIME-PAY PLANS AVAILABLE AT MOST RADIO SHACK STORES

Space-Saving, Low-Profile Hi-Tech Stereo Receiver

Exclusive Front-Panel EQ Switch Enhances Bass From Our Minimus® and Other "Mini" Speakers

NEW FOR '83

12 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.5% total harmonic distortion

179.95

Available Oct. 30, 1982

- *Only 3" High—Yet Packed with Deluxe Features*
- *Auto-Magic® Fine-Tunes and Locks-In FM Stations Automatically*
- *5-LED AM/FM Signal Strength Meter • System-EQ & FM-Stereo LEDs*

Realistic® STA-700. If superb sound is what you want, but your space is limited, this compact receiver is an affordable solution! You get features usually only found in bigger, more expensive models. Separate 11-step bass and treble controls, center-detent balance control, illuminated tuning dial, pushbuttons for loudness, tape monitor, mono/stereo and A and B speaker-pair switching. Special EQ switch matches the 700 to the impedance and frequency characteristics of our Minimus-series speakers for full dynamic range and sound reproduction covering the complete audio spectrum. A tremendous value! Jet-black metal enclosure. U.L. listed.
31-1969 ..... **179.95**

AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 82 dB phono, 90 dB aux. **Phono Input Overload:** 140 millivolts. **FM TUNER. Sensitivity (IHF):** 2.8 microvolts (14.17 dBf). **Capture Ratio:** 2 dB. **Signal-to-Noise Ratio:** 65 dB. **Selectivity:** 45 dB. **Image Rejection:** 55 dB. **Stereo Harmonic Distortion:** 0.6%. **Stereo Separation (at 1 kHz):** 40 dB. **AM Suppression:** 48 dB. **EXTERNAL CONNECTONS:** AM antenna, 75 or 300-ohm FM antenna, A and B speaker pairs, headphone jack, mag. phono, aux. tape in/out jacks, unswitched AC outlet, phono ground. **SIZE:** 3 × 16½ × 8½".

Save $30.85 Reg. Separate Items 279.85 **249.00**

- *Realistic STA-700 Low-Profile AM/FM Stereo Receiver*
- *Two Minimus-7 Die-Cast Metal Speaker Systems*

Save $40.80 Reg. Separate Items 369.80 **329.00**

- *Realistic STA-700 Stereo Receiver*
- *Two Minimus-7 Die-Cast Metal Speaker Systems*
- *LAB-130 Belt-Drive Turntable With $12.95 Realistic/ADC Cartridge*

- *Realistic STA-700 Stereo Receiver*
- *Two Minimus-50 Speaker Systems*
- *LAB-75 Belt-Drive Turntable With $12.95 Realistic/ADC Cartridge*

Save $60.80
399.00
Reg. Separate Items 459.80

Stereo Receiver With Auto-Magic FM Fine-Tuning

22 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.08% total harmonic distortion

AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB at 1 watt. **Signal-to-Noise Ratio:** 86 dB phono, 90 dB aux. **Phono Input Overload:** 105 millivolts. **FM TUNER. Sensitivity (IHF):** 1.9 microvolts (10.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 72 dB. **Selectivity** 60 dB. **Image Rejection:** 65 dB. **Stereo Harmonic Distortion:** 0.5%. **Stereo Separation:** 45 dB at 1 kHz. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A and B speaker pairs, headphone jack, mag. phono, aux, tape in/out, dub out, DIN-type tape in/out, unswitched AC outlet, phono ground. **SIZE:** 5½ x 18¼ x 10⅛".

279.95

- *Exclusive Auto-Magic Fine-Tunes and Locks-In FM Stations Automatically*
- *Bright LED Indicators for AM, FM, FM Stereo, Phono, and Aux*
- *10-Segment LED AM/FM Signal Strength Meter Aids in Tuning*

Realistic STA-110. An outstanding buy—offers fabulous sound and the features needed for expandability! You get ample power to drive almost any speaker system—even two sets of speakers. Highly-sensitive FM front-end assures clean, clear reception, with low noise and low distortion. Green LED indicates when FM stations are properly tuned. Thin-line pushbuttons for loudness, mono/stereo, FM mute, Auto-Magic, tape monitor, A and B speaker pairs, and power. Also features wide, illuminated slide-rule tuning dial, 11-step bass and treble controls, center-detent balance knob, fluid-feel, flywheel tuning control. Three overload/overheating protection circuits. Walnut vinyl veneer finish. U.L. listed. **31-2093** **279.95**

Save $70.80 Reg. Separate Items 449.80 **379.00**

- *Realistic STA-110 Stereo Receiver*
- *Two MC-600 Walnut Veneer Speaker Systems*
- *LAB-130 Belt-Drive Turntable With $12.95 Realistic/ADC Cartridge*

Save $80.80 Reg. Separate Items 499.80 **419.00**

- *Realistic STA-110 Stereo Receiver*
- *Two MC-1201 Walnut Veneer Speaker Systems*
- *LAB-75 Belt-Drive Turntable With $12.95 Realistic/ADC Cartridge*

Save $90.80 Reg. Separate Items 539.80 **449.00**

- *Realistic STA-110 Stereo Receiver*
- *Two MC-1401 Walnut Veneer Speaker Systems*
- *LAB-77 Belt-Drive Turntable With $19.95 Realistic/Shure Cartridge*

Realistic STA-Series Receivers Carry This Two-Year Limited Warranty

And we service what we sell

Realistic STA-Series Receivers are waranted against defects for two years from date of purchase. Within this period, we will repair it without charge for parts and labor. Simply *bring your sales slip* as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

A Top-Value Receiver with Dual Power Meters

NEW FOR '83

40 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.05% total harmonic distortion

299.95

- *Fast-Attack 21-Segment LED Power Level Meter*
- *LED Signal Strength, FM Stereo and Tuning Indicators*
- *Separate 39-Step Bass and Treble Controls*
- *Auto-Magic® Fine-Tunes and Locks-In FM Stations*

Realistic® STA-740. Super value—high performance and lots of power at a low price! Loudness boosts bass for full-range sound even when you listen at low volumes. Hi-filter reduces hiss and record scratch. FM-Mute eliminates noise between stations when tuning. Pushbuttons for mono/stereo, tape monitor, A and B speaker-pair switching, power. Counterweighted, tuning knob, big 40-step volume control, center-detent balance control, illuminated fluorescent tuning dial. Special circuitry cancels noise when switching functions. Twin overload protection circuits for long-life reliability. All of this in a medium-sized case with walnut-grained vinyl veneer end panels. U.L. listed. **31-2039** **299.95**

AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 85 dB phono, 90 dB aux. **Phono Input Overload:** 140 millivolts. **FM TUNER. Sensitivity (IHF):** 1.9 microvolts (10.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 72 dB. **Alternate Channel Selectivity:** 53 dB. **Image Rejection:** 60 dB. **Stereo Harmonic Distortion:** 0.2%. **Stereo Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, mag. phono, aux, phono-type and DIN-type tape in/out, A and B speaker pairs, headphone jack, unswitched AC outlet, phono ground, antenna ground. **SIZE:** 5½ × 18⅛ × 12".

Save $60.80 Reg. Separate Items 559.80 **499.00**

- *Realistic STA-740 Receiver*
- *Two MC-1401 Walnut Veneer Speaker Systems*
- *LAB-77 Belt-Drive Changer With $19.95 Realistic/Shure Cartridge*

Save $64.80 Reg. Separate Items 639.80 **575.00**

- *Realistic STA-740 Receiver*
- *Two Optimus-30 Walnut Veneer Speaker Systems*
- *LAB-290 Belt-Drive Turntable With $29.95 Realistic/Shure Cartridge*

- *Realistic STA-740 AM/FM Stereo Receiver*
- *Two Nova-10 Walnut Veneer Speaker Systems*
- *LAB-395 Direct-Drive Turntable With $29.95 Realistic/Shure Cartridge*

Save $70.80
Reg. Separate Items 719.80
649.00

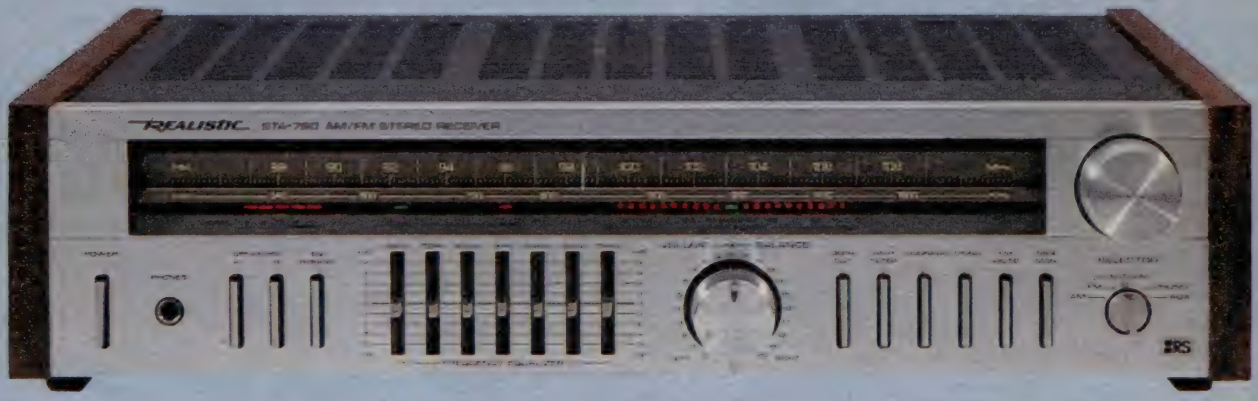
RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Receiver With Built-In 7-Band Graphic Equalizer

More Precise Adjustment Than With Conventional Tone Controls

NEW FOR '83

45 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.04% total harmonic distortion



AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 86 dB phono, 92 dB aux. **Phono Input Overload:** 140 millivolts. **FM TUNER. Sensitivity (IHF):** 1.9 microvolts (10.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 72 dB. **Alternate Channel Selectivity:** 53 dB. **Image Rejection:** 60 dB. **Stereo Harmonic Distortion:** 0.2%. **Stereo Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A and B speaker pairs, headphone jack, mag. phono, aux, phono-type and DIN-type tape in/out, unswitched AC outlet, phono ground, antenna ground. **SIZE:** 4⅜ × 18⅛ × 10½".

359.95

Available Sept. 15, 1982

- *21-Segment LED Power Level Meter • EQ Bypass Button*
- *30 Hz "Cut" Pushbutton Reduces Hum and Rumble*
- *Auto-Magic Fine-Tunes and Locks-In FM Stations Automatically*
- *5-Segment AM/FM Signal Strength Indicator*

Realistic STA-790. An exceptional receiver! Its stereo graphic frequency equalizer features seven slide-action controls to boost or cut audio response by up to 12 dB at 50 Hz, 150 Hz, 400 Hz, 1 kHz, 2.4 kHz, 6 kHz and 15 kHz. Ordinary tone controls can't compare! You also get an EQ bypass pushbutton for instant "flat" response. Features 40-step volume knob with concentric center-detent balance control, pushbuttons for hi-filter, loudness, mono/stereo, FM mute, tape monitor A and B speaker-pair switching, LED tuning and FM stereo indicators. Protective circuitry against overload and overheating. U.L. listed. **31-2067** **359.95**

good

Save $70.80 Reg. Separate Items 679.80 **609.00**

- *Realistic STA-790 Receiver With Built-In 7-Band Equalizer*
- *Two Optimus-30 Walnut Veneer Speaker Systems*
- *LAB-77 Belt-Drive Changer With $19.95 Realistic/Shure Cartridge*

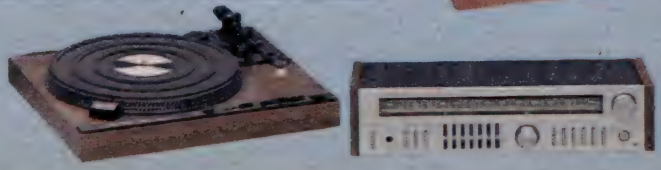
better

Save $80.80 Reg. Separate Items 779.80 **699.00**

- *Realistic STA-790 Receiver With Built-In 7-Band Equalizer*
- *Two Nova-10 Walnut Veneer Speaker Systems*
- *LAB-395 Direct-Drive Turntable With $29.95 Realistic/Shure Cartridge*

best

- *Realistic STA-790 AM/FM Stereo Receiver*
- *Two Optimus T-110 "Tower" Speaker Systems*
- *LAB-440 Direct-Drive Turntable With $39.95 Realistic/Shure Cartridge*



Save $94.80
Reg. Separate Items 939.80
845.00

BUY NOW, PAY LATER—AMERICAN EXPRESS, MASTERCARD AND VISA HONORED AT MOST STORES

Styled for Today and Loaded With Great Features

50 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.05% total harmonic distortion

379.95

- *LED Mode Indicators for AM, FM, Phono and Aux • Auto-Magic FM*
- *LED Signal Strength Meter • LED FM Stereo Indicator*
- *LED FM Tuning Indicator • 21-Segment LED Output Power Meter*

Realistic® STA-850. The power, features and performance you want for your home music system! Tuner employs sophisticated technology to achieve high sensitivity with exceptionally low noise and distortion. Special noise-cancelling circuitry for silent switching, and FM mute eliminates interstation "hiss" when tuning. Exclusive Auto-Magic fine-tunes FM stations and locks them on-frequency. Lighted slide-rule dial, counterweighted tuning knob, bass and treble controls, A/B/Both speaker-pair switching, selectable loudness, hi-filter, tape monitor, mono/stereo. Twin protection circuits guard against overheating and overloading. U.L. listed.
31-2096 . . . . . **379.95**

AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 85 dB phono, 90 dB aux. **Phono Input Overload:** 130 millivolts. **FM TUNER. Sensitivity (IHF):** 1.9 microvolts (10.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 72 dB. **Alternate Channel Selectivity:** 53 dB. **Image Rejection:** 60 dB. **Stereo Harmonic Distortion:** 0.2%. **Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, magnetic phono, aux, tape in/out, A and B speaker pairs, headphone jack, unswitched AC outlet, phono ground. **SIZE:** $6^{7}/_{16} \times 18^{7}/_{8} \times 11^{3}/_{8}$".

Save $64.80 Reg. Separate Items 659.80 **595.00**

- *Realistic STA-850 Stereo Receiver*
- *Two Nova-5 Walnut Veneer Speaker Systems*
- *LAB-77 Belt-Drive Changer With $19.95 Realistic/Shure Cartridge*

Save $70.80 Reg. Separate Items 719.80 **649.00**

- *Realistic STA-850 Stereo Receiver*
- *Two Optimus-30 Walnut Veneer Speaker Systems*
- *LAB-290 Belt-Drive Turntable With $29.95 Realistic/Shure Cartridge*

Save $80.80 Reg. Separate Items 799.80 **719.00**

- *Realistic STA-850 Stereo Receiver*
- *Two Optimus-40 Walnut Veneer Speaker Systems*
- *LAB-395 Direct-Drive Turntable With $29.95 Realistic/Shure Cartridge*

Radio Shack—The Hi-Fi Store That's Also the Factory

Radio Shack, a leading consumer electronics retailer, is also a major electronics *manufacturer.* We have 33 manufacturing operations in six countries. Designing and building many of our own products helps us keep costs down and quality high. That pays off for you when you choose our internationally famous brands. Many of your friends and neighbors probably agree. In recent years, millions of Radio Shack customers, worldwide, have chosen our products over other major brands. And remember: we're always nearby, wherever you live, work or travel, if you need service.

GET IT "ON CREDIT"—AMERICAN EXPRESS, MASTERCARD AND VISA WELCOMED AT MOST RADIO SHACK STORES

A Powerhouse for the Demanding Music Lover

80 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.03% total harmonic distortion

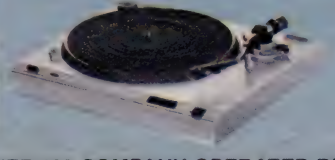
AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 90 dB phono, 98 dB aux. **Phono Input Overload:** 200 millivolts. **FM TUNER. Sensitivity (IHF):** 1.7 microvolts (9.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 70 dB. **Alternate Channel Selectivity:** 75 dB. **Image Ratio:** 80 dB. **Stereo Harmonic Distortion.** 0.3%. **Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A/B speaker pairs, headphone jack, two mag. phono, aux, tape 1 and 2 in/out phono and DIN-type jacks, main in/preamp out, two AC outlets, phono ground. **SIZE:** 6⅞ × 20¼ × 17⅛".

499.95

- *Lighted Signal Strength and FM Center-Channel Tuning Meters*
- *Right and Left-Channel Illuminated Power Output Meters*
- *Up-Front Dubbing and Monitoring Switches for Two Tape Decks*
- *Separate 20-Step Bass, Treble and Midrange Controls*

Realistic STA-2080. This receiver has what it takes to handle virtually any program source. Inputs for two tape decks, two magnetic-cartridge phonos, and an aux input for a third tape deck or audio soundtrack from video source. You get plenty of reserve power for pure, undistorted sound at high volume levels. Counterweighted flywheel tuning knob, giant lighted dial and dual meters make it easy to tune. Built-in subsonic filter eliminates turntable rumble and the effects of warped records. Pushbuttons for hi-filter, loudness, tone defeat, stereo/mono, FM mute, Hi-MPX filter, A and B speaker pairs. Protective circuitry. Walnut veneer end panels. U.L. listed.
31-3000 . . . . . **499.95**

Save $100.80 Reg. Separate Items 1019.80 **919.00**



- *Realistic STA-2080 Stereo Receiver*
- *Two Optimus T-110 Walnut Veneer "Tower" Speaker Systems*
- *LAB-395 Direct-Drive Turntable With $29.95 Realistic/Shure Cartridge*

Save $120.80 Reg. Separate Items 1199.80 **1079.00**

- *Realistic STA-2080 Stereo Receiver*
- *Two Mach One Liquid-Cooled Speaker Systems*
- *LAB-440 Direct-Drive Turntable With $39.95 Realistic/Shure Cartridge*

Save $130.80 Reg. Separate Items 1279.80 **1149.00**

- *Realistic STA-2080 Stereo Receiver*
- *Two Optimus T-300 Walnut Veneer "Tower" Speaker Systems*
- *LAB-2000 Linear-Tracking Direct-Drive Turntable With Low-Mass Cartridge*

Low-Cost Stereo Mini-Components Save Space

AM/FM Mini-Tuner and Mini-Amplifier

59.95 Each

Realistic TM-102. For the budget-minded music lover! A perfect match for the amplifiers below, or for adding-on to a phono system. Even at this low price you get phase-locked loop circuitry for superb stereo, a ceramic filter to sharpen FM reception, and a lighted dial. Built-in AM antenna, plus terminals for external FM antenna. Brushed aluminum front panel. Walnut vinyl veneer case. 3½ x 9¼ x 7". U.L. listed. **31-1964** **59.95**

Realistic SA-102. Use this versatile amplifier with a tuner, tape deck, and magnetic or ceramic-cartridge phono for fine-sounding stereo. Separate tone, balance and volume controls, speaker in/out and mono/stereo pushbuttons. Has headphone jack, tape-out jacks for recording. Brushed aluminum front panel. Walnut vinyl veneer case. 3¼ x 9¼ x 7". U.L. listed. **31-1963** **59.95**

Save on This Mini Stereo System

Save $30.75 Reg. Separate Items 269.75 **239.00**

- *TM-102 Tuner • SA-102 Amplifier*
- *Two Minimus-17 Full-Range 5" Cube Speakers in Genuine Walnut Veneer*
- *LAB-75 Belt-Drive Changer With $12.95 Realistic/ADC Cartridge*

Our Popular Stereo Micro Amplifier

29.95

Inputs for Phono, Plus Tuner or Tape Deck

Realistic SA-10. Good sound at a bargain price. Switches for selecting ceramic phono or tape/tuner, and stereo/mono. Separate right and left channel volume controls, tone control. 3¼ x 7⅞ x 5½". U.L. listed. **31-1982** **29.95**

Micro Stereo System

Save $20.75

Reg. Separate Items 189.75 **169.00**

- *SA-10 Amp • TM-102 Tuner*
- *Two Minimus-0.5 Speakers*
- *LAB-59 Belt-Drive Changer*

Audio Racks to Protect and Display Your System

Organize and showcase your system—and save space, too! Heavy-duty casters, walnut vinyl veneer, easy to assemble.

A Custom-fit for our STA-204 receiver, SCT-24 cassette deck and LAB-130 turntable. Adjustable extra shelf for tapes or another component. 39¾ x 16⅞ x 14½". **42-3027** **69.95**

B Two adjustable shelves. 34½ x 23 x 17". **42-3021** **69.95**

C Deluxe model with two locking full-length glass doors. Three internal shelves. 44 x 23 x 18". **42-3023** **129.95**

RADIO SHACK CARRIES A COMPLETE LINE OF PATCH CORDS

This Stereo Cassette/Receiver Puts It All Together

A Convenient Combination of Two Most-Wanted Components!

NEW FOR '83

20 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.1% total harmonic distortion

*TM Dolby Laboratories, Inc.

AMPLIFIER. Frequency Response: 15-25,000 Hz ±1 dB. **Signal-to-Noise Ratio:** 83 dB phono, 85 dB aux. **Phono Input Overload:** 105 millivolts. **FM TUNER. Sensitivity (IHF):** 1.9 microvolts (10.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 72 dB. **Alternate Channel Selectivity:** 60 dB. **Image Rejection:** 65 dB. **Stereo Harmonic Distortion:** 0.5%. **Separation (at 1 kHz):** 45 dB. **CASSETTE. Frequency Response ±3 dB:** 30-19,000 Hz (metal), 30-16,000 Hz (CrO_2), 30-14,000 Hz (normal). **Wow and Flutter:** Less than 0.07% WRMS. **Signal-to-Noise Ratio:** 60 dB (Dolby "on", CCIR weighted). **Distortion:** Less than 1.5% THD. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, main speakers, headphone jack, mag. phono, aux, record out, AC outlet, phono ground. **SIZE:** 4⅝ × 17⅜ × 11".

379.95

Available Nov. 30, 1982
Tape not included

- ***AM/FM Digital Frequency Display With FM Stereo Indicator***
- ***Dual Five-Segment LED Audio Level Meters***
- ***Dolby* NR Reduces Tape Hiss and Record Scratch***
- ***Exclusive Auto-Magic® FM Fine-Tuning System***

Realistic SCR-3000. Now you can have an AM/FM stereo receiver and top-quality cassette recording deck in a single space-efficient enclosure without sacrificing the hi-fi features you'd expect with separate components. Receiver has separate bass and treble controls, volume knob with concentric balance control, pushbutton function selectors. Cassette deck features logic-simulated soft-touch tape transport controls, pushbutton selectors for metal, CrO_2 and normal tape formulations, separate record-level controls, two mike jacks, tape counter. LED indicators for Dolby NR, record, tape, phono and aux. Our cassette/receiver gives you the best of both worlds, and at a lower price than you might expect to pay for separates with the same features! U.L. listed. **31-1996** **379.95**

Save $54.85 Reg. Separate Items 539.85 **485.00**

- ***Realistic SCR-3000 Stereo Cassette/Receiver With Dolby NR and Auto-Magic FM Fine-Tuning***
- ***Two Minimus-11 Die-Cast Metal Speaker Systems With 5" Long-Throw Woofer, 2½" Tweeter Horn***

Save $70.80 Reg. Separate Items 699.80 **629.00**

- ***Realistic SCR-3000 Stereo Cassette/Receiver With Dolby NR And Auto-Magic FM Fine-Tuning System***
- ***Two Minimus-11 Die-Cast Metal Speaker Systems With 5" Long-Throw Woofer, 2½" Tweeter Horn***
- ***LAB-395 Direct-Drive Automatic Turntable With $29.95 Realistic/Shure Cartridge***

Four New High-Reliability Turntables and Changers

NEW FOR '83

Belt Drive, Fully Automatic With Built-In Stroboscope

119.95

- *Stack Up to 4 Records For Continuous Listening*
- *Accurate Electronically Controlled DC Motor*
- *Built-In Neon Lamp Stroboscope Assures Speed Accuracy*

Includes $19.95 Realistic/Shure Cartridge

Realistic LAB-77. Upgrade your stereo system with this stylish changer. The automatic spindle lowers records gently, quietly and safely. Counter-balanced straight-line tonearm keeps stylus properly aligned to record groove for excellent tracking and low distortion. Variable pitch control for easy, precise speed adjustments. Cue/pause lever lifts and lowers the arm—helps prevent stylus or disc damage. Anti-skate control minimizes record wear. Easy-to-operate controls for 7/10/12" record sizes and playing speeds. 5¾ x 15 x 13". U. L. listed. **42-2982** **119.95**

Easy-to-Use Automatic Turntable With Quiet Belt-Drive Operation

NEW FOR '83

89.95

- *Our Lowest-Cost Belt-Drive Automatic Turntable*
- *Built-in Strobe and Variable Pitch Control for Exact Speed Adjustments*

Includes $12.95 Realistic/ADC Cartridge

Realistic LAB-130. Unbeatable for economy and versatility. DC motor locks turntable on speed. Straight-line tonearm keeps stylus properly on track across the entire record surface, reducing distortion. Cue lever. End-of-disc auto arm-return and shutoff. 4⅝ x 15 x 13". U.L. listed. **42-2980** **89.95**

Budget-Priced Belt-Drive Automatic Changer

NEW FOR '83

99.95

Includes $12.95 Realistic/ADC Cartridge

Realistic LAB-75. Auto-glide spindle lets you stack up to four records. Straight-line tonearm, electronically controlled DC motor, cue control, auto-shutoff. 7/10/12" record sizes. 5¾ x 15 x 13". U.L. listed. **42-2981** **99.95**

Automatic Record Changer

NEW FOR '83

69.95

Includes Ceramic Cartridge With Diamond Stylus

Realistic LAB-59. Perfect for compact systems or getting started in component stereo. Spindle stacks up to four records. Cue lever raises and lowers tonearm. 7/10/12" record sizes. 7 x 17 x 14¼". U.L. listed. **42-2979** **69.95**

ALL REALISTIC TURNTABLES AND CHANGERS INCLUDE BASE, DUST COVER AND CARTRIDGE—NO EXTRAS TO BUY!

Realistic®! The Choice for High-Performance Turntables

Top-of-the-Line—High-Tech Linear Tracking Direct-Drive

259.95

- *Logic-Controlled Tonearm For Zero Tracking Error*
- *Two-Speed Bidirectional "Search" Pushbuttons Control Tonearm*
- *Countersunk Neon Strobe With Accurate Pitch Control*
- *LED Indicators for Speed, Disc Size, Repeat and "Power-On"*

Includes Realistic/ Audio Technica Dual-Magnet Cartridge

Available Sept. 15, 1982

Realistic LAB-2000. The latest in technology! A built-in microprocessor continuously monitors the tonearm and makes instant adjustments. This keeps the stylus at precisely the correct angle to the groove across the entire surface of the record—distortion is reduced to the vanishing point! Front-mounted soft-touch pushbuttons give you complete fingertip control—*you never have to touch the tonearm.* Press the play/cut button for fully automatic operation, or use the cue and forward/backward search buttons to maneuver the arm—at slow or fast speed—to any point on the record. Repeat button with LED for continuous replay of one record. Sleek, clean low-profile styling. Rumble: -65 dB. Wow and flutter: less than 0.05%. 4 1/2 x 13 3/4 x 15". U.L. listed. **42-2910** **259.95**

Direct-Drive With Front-Access Controls

NEW LOW PRICE

159.95

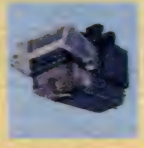
Was $169.95 In 1982 Catalog

Includes $29.95 Realistic/Shure Cartridge

Realistic LAB-395. Features S-shaped tonearm, DC servomotor, pitch control and neon strobe. Damped cue/pause, adjustable tracking, anti-skate. Auto arm-return/shutoff. Rumble: -70 dB. Wow and flutter: 0.05%. 5 1/4 x 16 5/8 x 14 7/8". U.L. listed. **42-2977** **159.95**

Value-Priced, Easy-to-Use Belt-Drive Automatic

139.95



Includes $29.95 Realistic/Shure Cartridge

Realistic LAB-290. Features counter-balanced straight-line tonearm, DC servomotor, damped cue/pause, anti-skate. Auto arm-return and shutoff. Rumble: -70 dB. Wow and flutter: less than 0.05%. 5 1/8 x 16 17/32 x 14 9/16". U.L. listed. **42-2978** **139.95**

High-Performance Direct-Drive With Selectable Repeating Play

219.95

Includes $39.95 Realistic/Shure Cartridge

- *Convenient Front-Access Controls*
- *Straight-Line, Low-Mass Tonearm*
- *DC Servomotor for Accurate Speed*

Realistic LAB-440. For the serious music lover. Features 1 1/2-pound die-cast platter to help eliminate acoustic feedback, stroboscope with neon lamp. Repeat button for continuous replay of one record. Damped cue lever, adjustable tracking, anti-skate, auto arm-return and shutoff. Rumble: -70 dB. Wow and flutter: less than 0.035%. 5 1/8 x 16 17/32 x 14 9/16". U.L. listed. **42-2976** **219.95**

Optimus® "Tower" Speakers are Tall on Performance!

Top of the Line! 3-Way Passive-Radiator Speaker System

259.95 Each

- ***Our Finest Ever—Compare It With Others at Twice the Price***
- ***10" Woofer • 10" Passive Radiator • 5" Midrange • 1" Tweeter***
- ***Furniture-Quality, Genuine Oiled-Walnut Veneer Enclosures***

Realistic® Optimus T-300. An audio breakthrough! We've employed sophisticated computer-aided design, ferrofluid damping techniques, carefully matched hand-assembled components, and expert craftsmanship to produce a speaker that will please the most critical listener for years to come! The woofer is driven by a massive 4.25-pound magnet structure for deep, tight bass, and the passive radiator extends bass response to a solid 44 Hz. Separate midrange and tweeter controls let you adjust sound to suit your tastes or listening room's acoustics. Midrange uses a 1.5-pound magnet structure for increased power handling and excellent transient response. Soft-dome tweeter features ferrofluid damping to prevent "ringing" and to increase power handling capability for clean, crisp transparent highs.
40-2042 . . . . . **259.95**

SPECIFICATIONS. Response: 44-20,000 Hz. **Power Handling Capacity:** 150 watts. **System Sensitivity:** 91 dB (SPL at 1 meter/1 watt). **Impedance:** 8 ohms. **Acoustic Crossover:** 800 Hz, 7600 Hz. **Size:** 34 x 12⅝ x 14".

High-Efficiency 2-Way System

179.95 Each

- ***Genuine Walnut Veneer***
- ***Long-Throw 8" Woofer***
- ***10" Passive Radiator***
- ***2" Tweeter With Acoustic Lens***

Realistic Optimus T-110. Sounds as great as it looks! Passive radiator and woofer combine for deep bass down to 50 Hz. Extended-ranqe, high-compliance tweeter projects through a special acoustic lens to give you a broad dispersion pattern and improved imaging. Ferrofluid-cooled tweeter allows increased power handling and improved response. Features variable high-frequency control. Handsome oiled walnut veneer—not plastic or vinyl. Spring-loaded push terminals for easy hookup.
40-2037 . . . . . **179.95**

SPECIFICATIONS. Response: 50-20,000 Hz. **Power Handling Capacity:** 80 watts. **System Sensitivity:** 92 dB (SPL at 1 meter/1 watt). **Impedance:** 8 ohms. **Size:** 35½ x 12½ x 11½".

5-Year Limited Warranty

Realistic MC series, Nova®, Minimus®, Optimus® and Mach One® speaker systems are warranted against defects for five years from the date of purchase. Within this period Radio Shack will repair the equipment without charge for parts and labor. Simply *bring your sales slip* as proof of purchase date to your Radio Shack store. Warranty does not cover transportation costs nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

How Power Ratings Are Determined. The figures stated with Realistic speakers indicate the speaker may be used with receivers and amplifiers delivering up to the stated (rms) continuous power per channel, driven to clipping 10% of the time, on normal music source material.

Radio Shack—A World Leader in Hi-Fi Speaker Sales!

2-Way Passive-Radiator System

129.95 Each

- *Genuine Walnut Veneer*
- *8″ Passive Radiator*
- *8″ Woofer*
- *2½″ Tweeter*

Realistic Nova®-10. Exciting depth and clarity of bass from the high-compliance woofer and passive radiator. Specially-designed extended-range tweeter for high output, low distortion. Lattice-work molded grille. **40-4028** **129.95**

SPECIFICATIONS. Response: 80-18,000 Hz. **Power Handling Capacity:** 50 watts. **System Sensitivity:** 90 dB (SPL at 1 meter/1 watt). **Impedance:** 8 ohms. **Size:** 22 × 12¼ × 10¼″.

2-Way Bass-Reflex System

79.95 Each

- *Genuine Walnut Veneer*
- *8″ Woofer • 2″ Tweeter*

Realistic Nova-5. Long-throw woofer and tuned-port enclosure design deliver well-defined bass. Wide-dispersion, ferrofluid-cooled tweeter for clear, crisp highs. **40-4030** **79.95**

SPECIFICATIONS. Response: 60-20,000 Hz. **Power Handling Capacity:** 30 watts. **System Sensitivity:** 89 dB (SPL at 1 meter/1 watt). **Impedance:** 8 ohms. **Size:** 19 × 10¾ × 7½″.

Wood Speaker Stands

24.95 Pair

Stained Walnut

Adjustable stands lift and properly angle speakers 7″ off the floor for dramatically improved sound. **40-1253** . . . . **Pair 24.95**

Mach One® Liquid-Cooled for Bass You Can Feel!

Liquid-cooled sectoral midrange horn designed to provide a true spatial image—smooth 800-8000 Hz response for "live" presence

Liquid-cooled heavy-duty "bullet" tweeter horn delivers crisp, clean highs from 8000-20,000 Hz

Treble and midrange L-pads for precise adjustment of response to suit room acoustics

Acoustic-suspension woofer pumps out huge volumes of air—you can feel the bass down to 25 Hz—four-layer voice coil is wound on a brass form to increase magnetic flux density for improved performance

Deluxe 3-Way System

239.95 Each

- *Genuine Oiled Walnut Veneer*
- *Massive 15″ Woofer With 32-Ounce Magnet*
- *Sectoral Midrange & Heavy-Duty Tweeter Horns*

Realistic Mach One "Liquid Cooled." This powerful system features "ferrofluid cooling"—ferrofluid is a magnetic liquid that increases a speaker's power handling capacity and helps control voice coil travel for improved linearity of response. And if it's tight "wall-shaking" bass you like, this speaker is for you! Its 15″ woofer, sectoral midrange horn and heavy-duty horn tweeter work in concert to deliver all the punch that today's music packs. The frequency response covers the entire audio range so you won't miss a note of your favorite performers. All this, plus a beautiful finish—because we know you want wood, not plastic or vinyl. **40-4029** **239.95**

SPECIFICATIONS. Response: 25-20,000 Hz. **Power Handling Capacity:** 160 watts. **System Sensitivity:** 90 dB (SPL at 1 meter/1 watt). **Impedance:** 8 ohms. **Size:** 28¾ × 17⅝ × 12″.

2-Way, Time-Aligned Passive-Radiator Speaker System

NEW FOR '83

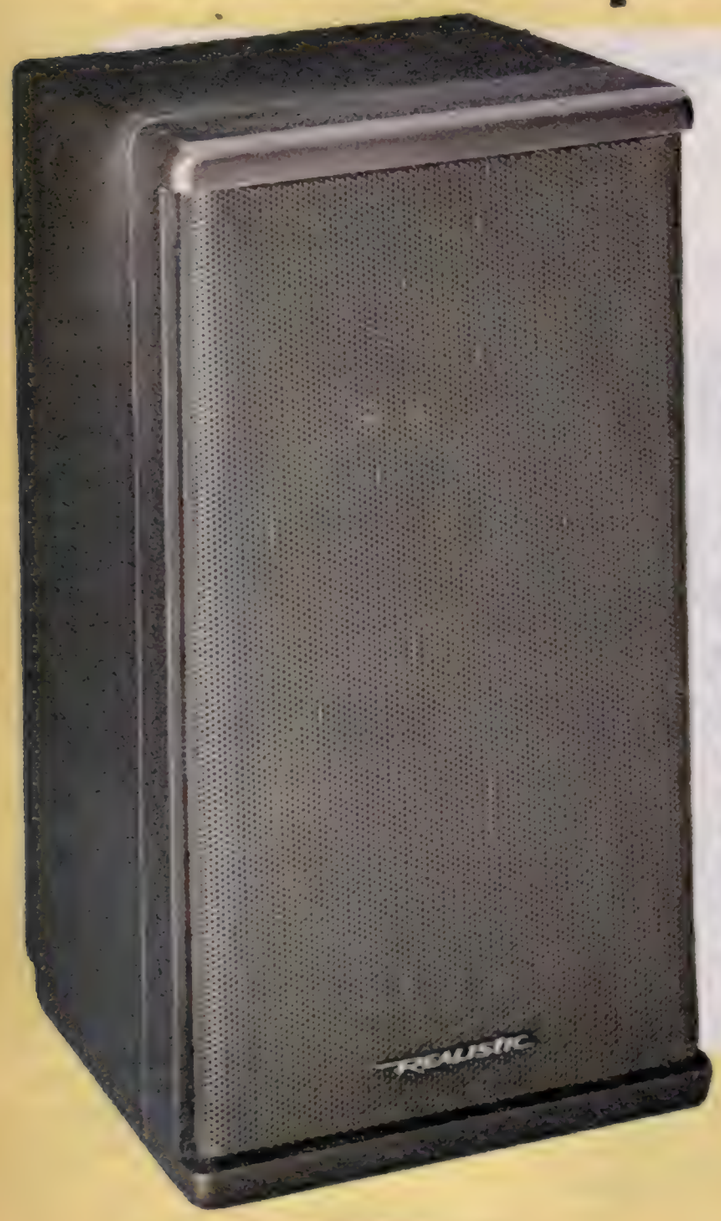
129.95 Each

- *Genuine Oiled Walnut Veneer Enclosure*
- *10″ Passive Radiator for Deep Bass*
- *8″ Long-Throw Woofer • 2″ Cone Tweeter*

Realistic Optimus-40. This stylish newcomer features time-aligned design—tweeter is recessed to assure proper phasing of high and low frequencies for improved stereo imaging. Detailed vocals come through with more life-like presence. Tweeter is ferrofluid-cooled for increased power handling. Variable high frequency control. Woofer and passive radiator deliver rich bass. Recessed, color-coded spring-loaded terminals. **40-2040** **129.95**

SPECIFICATIONS. Response: 40-20,000 Hz. **Power Handling Capacity:** 75 watts. **System Sensitivity:** 87 dB (SPL at 1 meter/1 watt). **Impedance:** 8 ohms. **Size:** 26 × 14½ × 10″.

Minimus® Speakers—Superb Sound for Small Spaces



Time-Aligned Designs for More Detailed Sound and Superior Stereo Imaging

Available Sept. 15, 1982

NEW FOR '83

89.95 Each

Hi-Efficiency Tuned-Port Enclosure for Deep Bass

Realistic Minimus-50. The 6½" long-throw woofer and 2" liquid-cooled, wide-dispersion tweeter are positioned for proper time relationship—you hear exceptionally accurate and more "open" midrange. Response, 50 to 20,000 Hz. Power handling capacity, 55 watts. Non-resonant high-density molded enclosure with metal grille. 15¾ x 8⅞ x 9". Recessed push-terminals for easy hookup.
40-2044 . . . . . **89.95**

79.95 Each

". . . a rugged speaker, offering above-average sound for a below-average price."*

Realistic Minimus-11. Die-cast aluminum enclosure with a 5" long-throw woofer, 2½" horn-loaded tweeter and deluxe LC crossover. The drivers are time-aligned for a more "open" midrange response that really brings vocals to life! Power handling capacity, 50 watts. Steel grille. 10½ x 6 15/16 x 6 5/16". Recessed push terminal connectors. **40-2035** **79.95**

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The Amazing Minimus-7 Speaker —Praised by Stereo Review

Ⓐ **59.95 Each**

NEW FOR '83

Ⓑ **59.95 Each**

NEW FOR '83

Ⓒ **49.95 Each**

"The panel found its sense of openness, level of definition, reproduction of musical detail, and stereo imaging were all quite good . . . power handling above average . . . a good buy."†

Realistic Minimus-7/22 Series. The incredibly lifelike sound of our famed Minimus-7 is now available in two new unique designs in addition to the "original" enclosure. All three are ideal for shelf, wall or end table placement. Each has a long-excursion 4" woofer to produce deep, accurate bass and soft-dome 1" tweeter that delivers soaring highs to 20,000 Hz. Deluxe LC crossover networks provide satin-smooth response without artificial "peaks". Hanger slots and recessed push-terminal connectors for easy wall-mounting. Power handling capacity, 40 watts.

Ⓐ **Realistic Minimus-7W.** Elegant oiled walnut veneer finish. Removable grille. 8 x 5 x 4". **40-2039** **59.95**

Ⓑ **Minimus-22.** Slim die-cast metal enclosure is ideal for wall-mounting. 10⅜ x 6⅞ x 2¾". **40-2038** **59.95**

Ⓒ **Minimus-7.** Original die-cast aluminum enclosure. An amazing, high-performance mini-speaker for home and car. 7 1/16 x 4 7/16 x 4 5/16".
Silver, 40-2034 . . . . . **49.95**
Black, 40-2030 . . . . . **49.95**

Adjustable Metal Mounting Brackets for Minimus-7 "Original". For wall, ceiling or mobile use. **40-2031** . . . . . **Pair 14.95**

†Quotes excerpted with permission from STEREO REVIEW, Aug. 1979 article "Nineteen Minispeakers," © 1979 Ziff-Davis Publishing Co. All rights reserved.

Great Sound For Home Or Car

19.95 Each

NEW FOR '83

Just 5⅝ Inches High

Realistic Minimus-3.5. Extraordinary 3" full-range driver, high-density molded enclosure, steel grille. 5⅝ x 3⅝ x 3⅝".
40-1996 . . . . . **19.95**

Mounting Brackets. Fully adjustable.
40-1997 . . . . . **Pair 10.95**

Super Tweeters

Add Brilliance to Any Speaker Easy Parallel Hookup

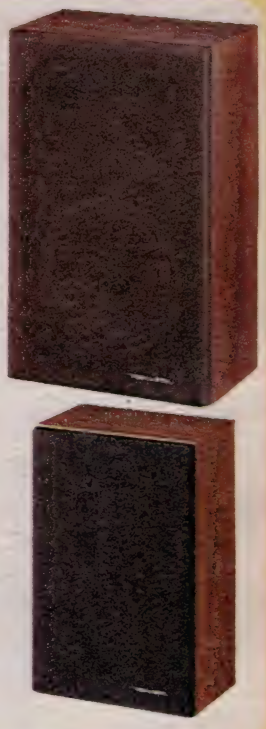
Ⓐ **Dynamic.** Extends response to 40,000 Hz! Mounts in or outside of enclosure. 4" high. Handles 50 watts.
40-1310 . . . . . **Each 19.95**

Ⓑ **Piezo.** Extends response to 27,000 Hz. Burnout-proof. Sensitivity, 96 dB (SPL at 1 meter/1 watt). Handles 75 watts. **40-1380** . . . **Each 14.95**

NOMINAL IMPEDANCE OF ALL REALISTIC SPEAKER SYSTEMS IS 8 OHMS

Choose Realistic for Your Best Value in Speakers

High-Performance Two-Way Systems Featuring Genuine Oiled Walnut Veneer Finishes



NEW FOR '83 Tuned-Port System

High-Compliance 10" Woofer

99.95 Each

Available Sept. 30, 1982

Realistic Optimus-30. This new, bass reflex design achieves both excellent low-end response and high efficiency. Features a rugged woofer and 2½" wide-dispersion, screen mesh-protected tweeter. Response, 55 to 20,000 Hz. Power handling capacity, 70 watts. Recessed color-coded spring terminals. 22⅞ × 12¼ × 8⅝". **40-2043** **99.95**

Bass-Reflex System

Efficient Design

69.95 Each

Realistic MC-1401. Powerful bass from receivers or amplifiers with as little as 5 watts rms per channel. 8" woofer, 4¼" tweeter. Tuned port enclosure. Response, 80 to 20,000 Hz. Power handling capacity, 55 watts. Recessed phono jack and screw terminals. 18 × 11½ × 7½". **40-1988** **69.95**

Acoustic Suspension

Extended-Range Tweeter

59.95 Each

Realistic MC-1201. Features 8" bass driver (25 sq. inch radiating area), 2½" tweeter for crisp highs. Response, 85 to 17,000 Hz. Power handling capacity, 50 watts. Removable decorator grille. Recessed phono jack and screw terminals. 17¾ × 10⅝ × 7½". **40-1990** . . **59.95**

Bookshelf System

Removable Grille

39.95 Each

Realistic MC-600. Efficient design provides wide 100 to 18,000 Hz reponse from an enclosure designed for shelf placement. Long-throw 6½" woofer, 2½" tweeter. Power handling capacity, 40 watts. Recessed phono jack and screw terminals. 13½ × 8⅞ × 5¼". **40-1979** **39.95**

Low-Cost Multi-Purpose Extension Speakers

Available Sept. 30, 1982

A **Minimus-19.** Efficient ported system with 8" woofer, 3" tweeter. 10 watts. Walnut vinyl veneer. 22 × 12 × 6½". **40-915** . . . . . **Each 29.95**

B **Minimus-3.** Features full-range 5" driver, walnut vinyl veneer enclosure. 7 watts. 10 × 8½ × 5½". **40-913** . . . . . **Each 12.95**

C **Minimus-8.** Walnut vinyl veneer cabinet with woven black grill cloth. 4" driver. 10 watts. 9¾ × 5⅞ × 4⅜". **40-216** . . . . . **Each 19.95**

D **Minimus-20.** The 2½" tweeter with acoustic lens improves dispersion. 6½" woofer. 100 to 20,000 Hz. 40 watts. Walnut veneer, metal grille. 12⅜ × 9⅛ × 5⅞". **40-256** . . . . . **Each 39.95**

E **Minimus-0.5.** Enclosure features die-cast metal frame, walnut vinyl. 10 watts. Only 6⅝ × 4⅞ × 4⅛". **40-1995** . . . . . **Each 14.95**

F **Minimus-17.** Cube design with amazing 5" full-range driver, oiled walnut finish, wire mesh grille. 15 watts. 6½ × 6½ × 6". **40-225** . . . . . **Each 24.95**

G **"Wedge" Extension for Portables.** Genuine walnut veneer! Includes cable with mini plug—makes your portable transistor radio or tape player sound great! 5 watts. 4³⁄₁₆ × 7¾ × 6". **40-1247** . . . . . **Each 11.95**

Three-Way Acoustic Suspension System

NEW FOR '83

- ***Heavy-Duty 12" Woofer With Special Foam Surround***
- ***Midrange and Tweeter With Lightweight Voice Coils for Superb Transient Response***

99.95 Each

Realistic Nova-500. An outstanding value! Woofer has 20.8-oz. magnet plus a high-temperature, aluminum voice coil for extra durability and accurate reproduction of the lowest musical notes. High-efficiency 5" midrange and wide-dispersion 3" tweeter. 55 to 20,000 Hz response. Power handling capacity, 50 watts. Walnut vinyl veneer. 24 × 15 × 10¼". **40-916** **99.95**

Brighten Up Your Listening With a Light Display

3-Color Light Show

34.95

Wireless! No Speaker Connections to Make

Built-in sound sensors turn music into a flashing, ever-changing display. Just plug into AC. Walnut vinyl. U.L. listed. 18½ x 11½ x 4¾". **42-3012** **34.95**

Hypnotic Strobe Light

29.95

Seems to Stop Motion

High-intensity wide-angle light with adjustable flash rate. Walnut vinyl. 7½ x 5⅞ x 4¾". U.L. listed. **42-3009** **29.95**

Revolving Color Lamp

12.95

Great for Dances and Parties

Projects a moving spectrum of colorful rays that will "dazzle" your guests. Decorative chrome base. 9¾" high. U.L. listed. **42-3016** **12.95**

Psycho-Lite® Bulb

4.99

Fits Any Standard Light Socket

Wild, flickering, fire-like effect—turns gatherings into an "action" scene. Carbon filament bulb. Get a couple! **42-3014** **4.99**

Top Hits and Famous Artists on Realistic® Stereo Cassettes

A "Summer Means Fun" NEW FOR '83

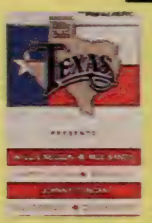
B B. Mandrell & G. Jones NEW FOR '83

C Santana "Passion" NEW FOR '83

D Mac Davis NEW FOR '83

E Lena and The Duke NEW FOR '83

F Billy Bob's Texas Music NEW FOR '83



G "Mancini & The Doc" NEW FOR '83

H Waylon Jennings

J "Fiedler & Friends"

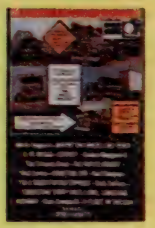
K "Outlaw Country"

L Beach Boys & Jan 'n Dean

M Willie Nelson

N Linda Ronstadt

O "Put the Hammer Down"



A Summer Means Fun. Surfin' and Draggin' hits by The Beach Boys, The Fantastic Baggys, Jan & Dean, The Safaris, The Chantays and Eddie Cochran. **51-3006** **4.99**

B Barbara Mandrell & George Jones. "I'm Not Ready Yet", "White Lightnin'", "Once You've Had the Best", "She Thinks I Still Care", "Treat Him Right", "Do Right Woman, Do Right Man", more. **51-9016** **4.99**

C Santana "Passion". "Winning", "Evil Ways", "You Just Don't Care", "Mother's Daughter", "Samba Pa Ti", "When I Look Into Your Eyes", "Stormy", "Love Devotion & Surrender", more. **51-9018** **4.99**

D Mac Davis "All American Women." "Baby Don't Get Hooked on Me", "A Little Less Conversation", "One Hell of a Woman", "Friend, Lover, Woman, Wife", "Kiss It and Make It Better", more. **51-9015** **4.99**

E Lena Horne and Duke Ellington. "Solitude", "Mood Indigo", "Perdido", "You'd Better Know It", "Take the 'A' Train", "I Ain't Got Nothin' But the Blues", "Sophisticated Lady", more. **51-3002** **4.99**

F The Best of Texas Music. The world's biggest Honky Tonk presents Willie Nelson, Bob Wills and His Texas Playboys, Larry Gatlin, Moe and Joe, Johnny Duncan, Red Stegall, Chuck Berry and Ed Bruce. **51-2200** **4.99**

G Henry Mancini & Doc Severinsen. "The Pink Panther Theme", "Theme from Summer of '42", "Moon River", "'Round Midnight", "A Song for You", "Dreamsville", more. **51-3003** **4.99**

H Waylon Jennings. "This Time", "Brown-Eyed Handsome Man", "Kentucky Woman", "Games People Play", "Ruby", "Only Daddy That'll Walk the Line", "Casey's Last Ride", "Heartaches by the Number", more. **51-9009** **4.99**

J Arthur Fiedler & Friends. Ten Boston Pops offerings featuring guest artists Peter Nero, Chet Atkins, Stan Getz, Al Hirt and the immortal Duke Ellington. **51-9012** **4.99**

K Outlaw Country. Rugged, Western-style hits by Moe and Joe, David Allen Coe, George Jones, Willie Nelson, Johnny Paycheck, Charlie Rich, Charlie Daniels Band, Lacy J. Dalton, Johnny Cash, more. **51-9004** **4.99**

L Beach Boys & Jan 'n Dean. "Surfin' U.S.A.", "Deadman's Curve", "Surf City", "Little Deuce Coupe", "Fun, Fun, Fun", "I Get Around", "Drag City", "Little Old Lady from Pasadena", more. **51-9010** **4.99**

M Willie Nelson. "Bloody Merry Morning", "Yesterday's Wine", "Help Me Make It Through the Night", "I'd Trade All of My Tomorrows", "Hello Walls", "My Own Peculiar Way", "Will You Remember", more. **51-9008** **4.99**

N Linda Ronstadt. "I Can't Help It", "When Will I Be Loved", "Silver Threads and Golden Needles", "Break My Mind", "I Fall to Pieces", "Lovesick Blues", "Crazy Arms", "I Still Miss Someone", more. **51-9002** **4.99**

O Put the Hammer Down. Ten trucker favorites! "Movin' On", Merle Haggard; "Convoy", C.W. McCall; "White Line Fever", Merle Haggard; "Phantom 309", Red Sovine; 6 others. Cassette. **51-6101** . . **4.99** **8-Track, 51-6001** . . **4.99**

Compact Cassette Players-Full Stereo Sound Anywhere

Low-Cost Stereo-Mate™ Cassette Player

39.95

NEW FOR '83

- *Glide-Path® Volume Controls*
- *End-of-Tape Auto-Stop*

Avail. 10/30/82

Realistic SCP-7. Now you can enjoy superb headset stereo anywhere, anytime. Simple, single control for play, stop, rewind, fast forward and eject. ⅛" headphone jack. 6 × 4 × 1⅝". Requires four "AA" batteries or AC or DC adapter.
14-1019 . . . . . **39.95**

Micro Headsets

Low As **12.95**

See page 53 for our wide selection.

Personal Stereo Cassette Player Sounds Great

NEW LOW PRICE

69.95

Was $79.95 In 1982 Catalog

- *Glide-Path Volume/Balance*
- *Normal-CrO_2 Metal Selector*
- *Full Auto-Stop*
- *Low-Battery LED Indicator*

Realistic SCP-4. Compact size, lightweight for superb sound while working, traveling or exercising. Has rewind/review and fast forward. Built-in recharger for optional nickel cadmium batteries. ¼" headphone jack. 6¼ × 4 × 1¼". Requires three "AA" batteries or AC or DC adapter.
14-618 . . . . . **69.95**

Our Best! One-Piece AM/FM Stereo Cassette Player

NEW FOR '83

99.95

- *Cue/Review*
- *Tape Selector Switch For Normal-CrO_2/Metal*
- *LED Indicators for FM Stereo/Low Battery*
- *End-of-Tape Auto-Stop*
- *Power Cuts Off When You Unplug Headset —Saves Batteries*

Avail. 10/30/82

Realistic SCP-6. Enjoy music in stereo on tape or from built-in AM/FM stereo radio—no extra tuner packs to carry. Features Glide-Path volume/balance controls, cue/review to locate selections quickly. FM mono switch for best reception of weak stations. Built-in recharger for optional nickel cadmium batteries. ⅛" headphone jack. 6 × 3⅞ × 1⅜". Requires four "AA" batteries or AC or DC adapter. **14-1018** **99.95**

All Stereo-Mate cassette players include vinyl carry case, shoulder strap, and require headphones

Mini & Micro-Cassette Recorders—Great for Home, Office or School

Mini-Cassette Recorder

49.95 NEW FOR '83

- *Built-In Mike Plus Auto-Level For Perfect Recordings*

Realistic Minisette®. Compact and economical. Slide controls allow easy one-hand operation. "Cue" button "fast plays" to locate specific passages easily. LED battery/record indicator, wrist strap, earphone. 5¾x2½x1". Requires two "AA" batteries.
14-1015. . . . . . **49.95**

Available Nov. 30, 1982

Pocket Micro-Cassette Recorder

NEW FOR '83 **69.95**

- *Two-Speed Capstan Drive*
- *Records up to 2 hours*
- *Cue/Review • Tape Counter*

Realistic Micro-10. Easy to use. Record meetings, lectures, or take notes. Features built-in condenser mike, Auto-Stop, LED record indicator. With earphone. Built-in recharger for optional nickel cadmium batteries. 5¼x 2¼x1." Requires two "AA" batteries or AC adapter.
14-1016 . . . . . **69.95**

Available Oct. 30. 1982

Mini-Cassette Recording Tape

Mini-30. For Minisette and other rim-drive recorders. Total recording time: 30 minutes. **44-633** **2.69**

NEW LOW PRICE **2.69**

Was 2.99 In 1982 Catalog

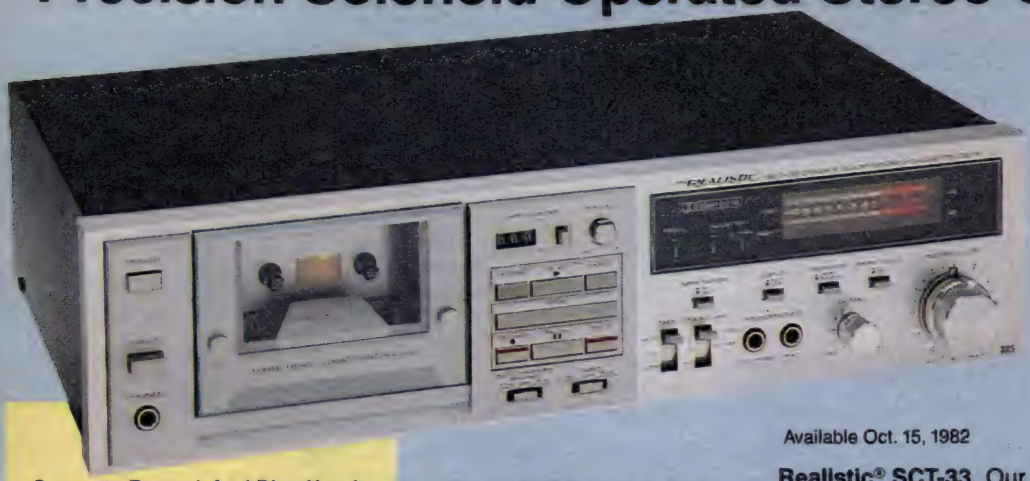
Micro-Cassette Recording Tape

MC-60. For Micro-10, others. Up to 60 minutes at 2.4 cm/sec. 120 minutes at 1.2 cm/sec. **44-640** **3.49**

3.49

SEE PAGE 35 FOR OUR SELECTION OF AC AND DC ADAPTERS TO ADD VERSATILITY

Precision Solenoid-Operated Stereo Cassette Decks



Three-Head Deck with Double Dolby* B-C NR And Auto-Rewind/Replay

NEW FOR '83 **399.95**

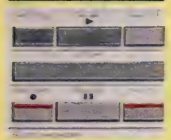
- *Dolby Type C—For Maximum Noise Reduction*
- *Dolby Type B—For Compatibility With Your Present Tape Library*
- *Variable Bias Control and Tape Selector Let You "Fine-Tune" For Best Response From Normal, Chrome or Metal Tape Cassettes*

Available Oct. 15, 1982

Separate Record And Play Heads

Three heads allow monitoring off the tape as you record. Single housing design for permanent head alignment.

Pushbuttons and LED Indicators



Light-touch pushbuttons have recessed color-coded LEDs.

Auto/Memory

Tape returns to where Play button was last pressed and replays automatically!

Specifications (Typical)

Frequency Response ±3 dB: 30-22,000 Hz (metal), 30-21,000 Hz (CrO_2), 30-21,000 Hz (normal). **Wow and Flutter:** 0.05% WRMS. **Signal-to-Noise Ratio:** 78 dB Dolby C; 69 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 0.8% 3rd HD (ref. 160 nW/m at 400 Hz. **Record Head:** Ferrite, 6 micron gap. **Playback Head:** Ferrite, 1 micron gap. **Erase Head:** Ferrite. **Output Level:** Adjustable to 0.7 volt max. **Size:** 4¼ x 17⁹⁄₁₆ x 10½". *TM Dolby Laboratories, Inc.

Realistic® SCT-33. Our best! The exciting new Dolby B-C noise reduction system effectively eliminates tape "hiss" for incredibly wide dynamic range! Two-color, 14-segment fluorescent peak-hold meters display highest signal levels for easier and more accurate record level settings. Pause and auto record-mute system for silent "electronic" editing. Pause LED even flashes once per second for precise timing. Full-logic, solenoid system prevents tape jams. Auto-rewind switch selects automatic rewind and replay, or rewind and shutoff, at end of tape. Also includes output level control, mike/line input selector, switchable MPX filter. Switch for use with optional, external timer. U.L. listed.
14-625 . . . . . **399.95**

What Dolby* Type B-C NR Means to You

Type-C lowers background noise to an incredible 1/100th of its original level (20 dB) at 1 kHz and above. It's excellent for recording wide dynamic range program material or live music. Using Supertape Metal, tape noise will be below any program material you record—even when played back at very high levels. Conventional Type-B reduces noise by 10 dB at 4kHz and above. It provides compatibility with existing Type-B Dolby encoded cassettes.

Solenoid Operation, Dolby* B-C Noise Reduction, And Peak-Hold Metering

NEW FOR '83 **299.95**

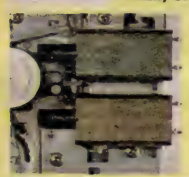
- *Record and Playback with Dolby C or B Noise Reduction*
- *Three Tape Selector Buttons and Adjustable Bias Control Give You Perfect Recording With Each Type of Cassette*
- *Oversize Pushbuttons Make Operation Easy*

Available Oct. 15, 1982

Bias Control

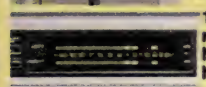
Optimizes high frequency response while recording to match any cassette—normal, chrome or metal.

Twin Solenoids



Direct-acting solenoids replace complex linkages for quiet, reliable, foolproof operation.

Peak-Hold Meters



12-segment fluorescent meters hold and display highest signal levels.

Specifications (Typical)

Frequency Response ±3 dB: 30-19,000 Hz (metal), 30-17,000 Hz (CrO_2), 30-17,000 Hz (normal). **Wow and Flutter:** 0.05% WRMS. **Signal-to-Noise Ratio:** 75 dB Dolby C; 67 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.1% 3rd HD (ref. 160 nW/m at 400 Hz). **Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Output Level:** Adjustable to 0.7 volt max. **Size:** 4⁹⁄₁₆ x 17⅛ x 10⁷⁄₁₆". *TM Dolby Laboratories, Inc.

Realistic SCT-27. Features "error-proof" operation and the latest Dolby B-C noise reduction circuitry! A logic IC and two solenoids control all tape movement. No matter how you key the feather-touch pushbuttons, you can be sure of smooth, precise tape handling. Other features include a record-mute button for noise-free editing as you record; dual-concentric record level control with memory ring; front panel bias adjust; record, play, pause and Dolby LED indicators; switchable MPX filter for widest response and clean FM stereo recordings; mike/line input selector; a timer standby switch; and much more. U.L. listed.
14-640 . . . . . **299.95**

ALL REALISTIC TAPE DECKS INCLUDE PATCH CORDS FOR QUICK, EASY HOOKUP

A Realistic Tape Deck Completes Your Music System

High-Speed Dubbing Dual Stereo Deck

339.95 NEW FOR '83

- *Make High-Quality Copies of Your Cassette Tapes in Half the Time*
- *Dolby* Type-B Noise Reduction System*
- *Automatic Search Music System Helps You Find Your Favorite Selection Fast*

Available Nov. 30, 1982

Realistic SCT-28. Two cassette decks in one! Now you can duplicate cassette tapes easily! Or listen to two cassettes in sequence for twice as much music—automatically plays tape in deck 1, then plays tape in deck 2. All functions are selected by "soft-touch" controls. Deck 1 is for optimized playback only and automatically selects correct EQ setting. Deck 2 has full record and play capability, with pushbuttons for normal, CrO_2 and metal cassettes, record mute, and dual-concentric level controls. Levels are displayed on a two-color, five-step LED peak meter. Switches for Dolby Type-B NR, MPX filter in/out, and high-speed or normal-speed dubbing. Output level control. U.L. listed.
14-641 . . . . . **339.95**

Specifications (Typical)

Frequency Response ±3 dB: 30-19,000 Hz (metal), 30-18,000 Hz (CrO_2), 30-15,000 Hz (normal). **Wow and Flutter:** 0.07% WRMS. **Signal-to-Noise Ratio:** 65 dB (ref. 3.0% distortion, Dolby Type-B, "A" weighted, metal tape). **Distortion:** 1.1% 3rd HD (ref. 160 nW/m at 400 Hz). **Deck 1 Play Head:** Hard permalloy, 0.7 micron gap. **Deck 2 Record/Play Head:** Hard permalloy, 1.5 micron gap. **Erase Head:** Ferrite. **Output Level:** Adjustable to 0.7 volt max. **Size:** $4^{5}/_{16} \times 16^{1}/_{2} \times 9^{13}/_{16}$".

The SCT-28 lets you duplicate cassettes in half the time it takes using separate decks. Program material on tape in Deck 1 is electronically transferred to Deck 2 at twice normal speed!

High-Style Deck With "Soft-Touch" Controls, Dolby* Type-B and ASMS

199.95 NEW FOR '83

- *Automatic Search Music System Senses Silence Between Selections to Select the Previous or Next Desired Passage Quickly*
- *Selector for Metal, Chrome and Normal Tapes*
- *2-Color, 8-Segment LED Level Indicators*

Available Oct. 15, 1982

Realistic SCT-500. Popular price, yet loaded with features. Dolby Type-B system extends dynamic range and minimizes tape "hiss." LED peak-reading meters make setting record levels easy. "Soft-touch" function controls for easy operation. You also get dual concentric level controls, 3-digit counter, record and search mode indicators, mike/line input selector, more. U.L. listed. **14-620** **199.95**

Specifications (Typical)

Frequency Response ±3 dB: 30-16,000 Hz (metal), 30-15,000 Hz (CrO_2), 30-14,000 Hz (normal). **Wow and Flutter:** 0.06% WRMS. **S/N Ratio:** 67 dB (ref. 3.0% distortion, Dolby Type-B, "A" weighted, metal tape). **Distortion:** 1.1% 3rd HD (ref. 160 nW/m at 400 Hz). **Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Output Level:** Adjustable to 0.7V max. **Size:** $4^{9}/_{16} \times 16^{15}/_{16} \times 9^{1}/_{4}$".

Personal Stereo Cassette Record/Play Deck With Two Built-In Electret Condenser Mikes

- *Normal or CrO_2 Tape Selector Switch*
- *Glide-Path® Volume/Balance Controls*
- *Built-In Speaker for Monophonic Playback*

99.95

Realistic Minisette®-11. Take it anywhere! Records "live" in stereo or doubles as a stereo player—just add a pair of headphones. Sophisticated Auto-Level circuit captures concerts or conferences perfectly. Features pause button for easy editing, end-of-tape Auto-Stop, digital tape counter, cue/review, and battery/record LED. Jacks for ¼" stereo headphone, external stereo mikes, aux. Requires four "AA" batteries or AC or DC adapter. **14-1011** **99.95**

Includes Carrying Case and Strap

Measures Just $1^{7}/_{16} \times 8^{5}/_{32} \times 4^{9}/_{32}$"

SEE PAGES 48, 49, 52 AND 53 FOR A COMPLETE SELECTION OF HEADPHONES AND MICROPHONES

Realistic® Has Stereo Tape Decks for Every Budget

Low-Cost Cassette Deck With Auto-Search Music System

159.95

NEW FOR '83

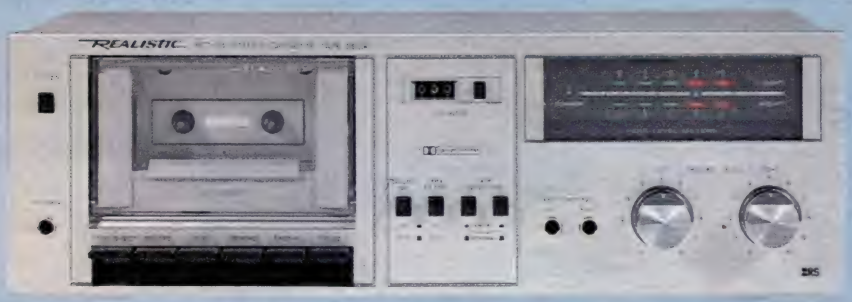
ASMS senses the "silence" between selections automatically. You can advance tape to the next selection—or replay a selection—at the touch of one button!

Available Oct. 15, 1982

Realistic SCT-29. An affordable deck with high-end features! Dolby noise reduction extends dynamic range and minimizes tape "hiss". Features easy-to-use "soft-touch" controls; a damped cassette door; 3-digit tape counter; adjustable output level and mike/line input selector on rear panel. U.L. listed. **14-642** **159.95**

Frequency Response ±3 dB: 30-14,000 Hz (metal), 30-12,000 Hz (CrO_2 and Normal). **Wow/Flutter:** Less than 0.07% WRMS. **S/N Ratio:** 65 dB (ref. 3% Distortion, Dolby "on", "A" weighted, metal tape). **Distortion:** 1.3% 3rd HD (ref. 160 nW/m @ 400 Hz). **Output:** Adjustable to 0.7V max. **Size:** 4⅞ x 15⅜ x 9". *TM Dolby Laboratories, Inc.

- ***Dolby* Noise Reduction System***
- ***Two-Color, Eight-LED Peak-Reading Meters For Bright, Accurate Signal-Level Display***
- ***Bias and EQ Selectors Let You Record and Play Normal, Chrome or Metal Cassettes***
- ***Switchable MPX Filter for "Clean" FM Stereo Recordings***



Our Lowest Priced Dolby* Deck

NEW LOW PRICE

129.95

Was $149.95 in 1982 Catalog

- ***Two-Color, Fast-Response LED Meters for Record-Level Setting***
- ***Bias and EQ Selectors For Normal, Chrome or Metal Cassettes***

Frequency Response ±3 dB: 30-14,000 Hz (metal), 30-12,000 Hz (CrO_2 and Normal). **Wow/Flutter:** Less than 0.15% WRMS. **S/N Ratio:** 64 dB (ref. 3% Distortion, Dolby "on," "A" weighted, metal tape). **Distortion:** 1.3% 3rd HD (ref. 160 nW/m at 400 Hz). **Output:** Adjustable to 0.7V max. Size: 4⅞ x 15⅜ x 9". *TM Dolby Laboratories, Inc.

Realistic SCT-24A. A fine basic deck with surprising features! Dolby noise reduction extends dynamic range and lowers "hiss." MPX filter "cleans up" FM stereo signals, or can be defeated for widest response from other sources. Push-key controls; soft-eject cassette door; 3-digit counter; adjustable output level and mike/line input selector. U.L. listed. **14-613** . . . **129.95**

Stereo Record/Play Cassette Deck With Auto-Level

- ***Adds Cassette To Any Stereo With Tape Jacks***
- ***Normal/Chrome Tape Selector***

79.95

Realistic SCT-25. Compact and easy to use. Auto-Level for perfect recordings from any stereo source, or "live"—just add mikes. Pause, tape counter, Auto-Stop. 3½ x 5⅞ x 9". U.L. listed. **14-616** **79.95**

Full-Featured 8-Track Record/Play Deck

139.95

- ***Minutes/Seconds Timer • Lighted VU Meters***
- ***Continuous Play or Auto-Stop • Pause Control***
- ***LED Program Indicators • Fast-Forward***

Realistic TR-883. Record your own tapes—better than you can buy—for playback at home or in your car or portable tape player. Tape stops at end of Program-4 when recording. Has ¼" mike jacks, headphone jack, adjustable output level. 4⅝ x 14³/₁₆ x 8¹¹/₁₆". U.L. listed. **14-946** **139.95**

ALL REALISTIC TAPE DECKS INCLUDE PATCHCORDS FOR QUICK, EASY HOOKUP

Cassette and 8-Track Tape Playback Systems

Stereo Cassette Playback Deck With Auto-Reverse

NEW FOR '83

99.95

Available Sept. 30, 1982

- ***Plays Both Sides of Cassette—Automatically***
- ***Tape Selector for Normal and CrO_2/Metal Tapes***

Realistic SCP-5. Add cassette listening to any system with aux or tape jacks. Special Auto-Reverse feature lets you hear hours of continuous background music. Features LED tape direction indicator, tape selector switch, output level control. Pushbuttons for program, rewind, fast-forward and eject. 2 3/8 x 8 1/4 x 9". U.L. listed. **14-619** **99.95**

Compact Low-Cost Stereo Cassette Player

49.95

Adjustable Output Level

Realistic SCP-3. Here's the affordable way to add cassette listening to stereo systems with aux or tape jacks. Features push-key controls. Plays all standard cassettes. End-of-tape Auto-Stop prevents damage to tapes. 3 1/2 x 5 7/8 x 9". U.L. listed. **14-617** **49.95**

Portable Auto-Play Kiddy Cassette Players

NEW FOR '83

34.95

With AM Radio

A

Available Sept. 30, 1982

B

NEW LOW PRICE

Was $29.95 In 1982 Catalog

27.95

A **Realistic CTP-6.** Simple for kids to use. Starts playing when tape is inserted, turns off at end of tape. Also has a built-in AM radio. Fast-forward/eject button, external speaker/earphone jack. Adjustable carry strap. 5 5/8 x 8 15/16 x 2 3/16". Requires four "C" batteries or AC adapter. **14-1020** **34.95**

B **Realistic CTP-5.** As above, without radio. **14-845** **27.95**

AM/FM Stereo 8-Track Portable Player-Enjoy Your Tape Collection Anywhere

99.95

- ***Glide-Path® Volume/Balance Controls***
- ***Stereo-Wide Switch for Enhanced Separation***

Concertmate®-8. Enjoy your favorite 8-track tapes, FM stereo or AM anywhere! Features LED program indicators, tone control, headphone jack. 8 1/2 x 13 1/2 x 4 1/4". U.L. listed AC operation or eight "D" batteries (not incl.) or optional DC cord. **14-905** . . . **99.95**

Great-Sounding Home Stereo 8-Track Play Deck

49.95

- ***Play Your Car Tapes at Home***
- ***Automatic and Manual Program Change***

Realistic TR-169. Add 8-track playback to any music system having aux or tape-in jacks. Perfect for "second" systems or tape dubbing. Adjustable output level. 7 x 10 x 4". U.L. listed. **14-935** **49.95**

AM/FM Stereo Cassette Portables With 2-Way Speakers

Dolby Noise Reduction System Cuts Tape "Hiss" and Extends Dynamic Range

Our Best Portable Features Dolby* NR

269.95

- ***Normal/Chrome/Metal Tape Selector***
- ***Audible Cue/Review Makes it Easy To Locate Desired Section of Tape***
- ***Ten LEDs Indicate Signal Strength, Record Level & Battery Condition***

Realistic SCR-6. Loaded with "home hi-fi" features! Records directly from its built-in AM/FM stereo tuner, or "live" with built-in electret condenser mikes. Switchable Auto-Level, with "Auto" position for recording voice and manual control for best dynamic range with music. Full Auto-Stop saves batteries and tapes. Stereo-Wide™ system expands stereo separation. Powerful six-watt amplifier with separate bass and treble controls, loudness switch for enhanced sound at low volume. LED stereo and Dolby indicators. Switchable aux input lets you add a turntable or second tape deck. Jacks for external speakers, mikes and headphones. Sturdy metal brackets will accept optional shoulder strap. 10½ × 18 × 4⅜". U.L. listed AC operation, eight "D" batteries (not incl.), or optional DC cord. **14-776** **269.95**

*TM, Dolby Laboratories, Inc.

"Auto-Search" System Lets You Advance Tape to the Next Selection or Replay a Selection With the Push of One Buttton

Optional Strap. 44-690 . . . . . 4.99 (See page 44).

Our Biggest Portable! Auto-Search Music System

249.95

NEW FOR '83

Available Nov. 30, 1982

- ***"Soft-Touch" Cassette Pushbuttons***
- ***24-LED Display • Normal/Chrome Switch***
- ***Powerful Ten-Watt Amplifier***
- ***6" Woofers • Solid-State Tweeters***

Realistic SCR-8. Enjoy tapes, AM or FM stereo at home or away! Record normal or chrome cassettes directly off-the-air or "live" with built-in electret mikes. Tape deck features an attention-getting switchable 24-LED audio level meter, pause button for easy editing, automatic record-level setting and full end-of-tape Auto-Stop. Stereo-Wide system adds to stereo realism. Loudness switch for full-range sound at low volume. LED indicators for "Search" mode, battery condition and record. Switchable aux input lets you listen to—or record from—an external record changer or tape deck. Jacks for external speakers, remote mikes, headphone. Sturdy metal brackets will accept optional shoulder strap. 10½ × 17½ × 5". U.L. listed AC operation, eight "D" batteries (not incl.), or optional DC cord. **14-778** **249.95**

SEE PAGE 35 FOR OUR COMPLETE SELECTION OF DC POWER CORDS AND ADAPTERS

Great Music to Go! AM/FM Stereo Cassette Recorders

Slim-Styled Stereo Compact

Stereo-Wide™ System Expands Depth and Channel Separation

159.95

Realistic SCR-4. Cassette features Auto-Level, Auto-Stop, pause control, tape counter. A two-level monitor switch lets you listen as you tape from the built-in AM/FM stereo tuner. Records "live" with two electret mikes. LED signal strength/battery indicator, two-color LED tuning indicator. Jacks for external speakers, remote control mikes, headphone. 7 × 14¼ × 2¾". U.L. listed AC operation, six "C" batteries (not incl.), or optional DC adapter. **14-774** **159.95**

Two-Way Speakers for Great Sound

179.95 ***Five-LED Meter for Signal Strength, Record Level and Battery Condition***

Realistic SCR-5. Record cassettes from AM, FM stereo or "live" with built-in electret mikes. Variable monitor lets you listen at any volume while recording off-the-air. Auto-Stop, Auto-Level, pause control. Stereo-Wide for extra separation, loudness switch for better sound at low volume. Jacks for headphone, external mikes and speakers. 9⅜ × 16⅛ × 4⅝". U.L. listed AC operation, six "D" batteries (not incl.), or optional DC cord. **14-775** **179.95**

Outstanding Sound and Value!

Separate Woofers and Solid-State Tweeters for Exciting Sound

139.95

Available Nov. 30, 1982

Realistic SCR-7. This versatile music center lets you play and record cassettes, AM, FM stereo or make "live" tapes with built-in electret mikes. Auto record-level setting. Variable monitor lets you listen at any volume while taping from radio. Tone control. Tuning, battery, record and FM-stereo LED indicators. Jacks for external mikes, speakers, headphone. 8⅝ × 15⅛ × 5¾". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. **14-777** **139.95**

NEW FOR '83

NEW FOR '83

Budget-Priced—Solid Performer

99.95 • ***Five-LED Audio Level Meter***
• ***"Sleep Switch" Turns Off Radio Automatically***

Available Nov. 15, 1982

Realistic SCR-9. Terrific sound, affordable price! Monitor switch lets you listen while recording directly from AM or FM stereo. Features built-in electret mikes, automatic record-level setting, Auto-Stop, Glide-Path® volume/balance controls, FM stereo LED indicator mono/stereo switch. Jacks for external mikes and headphone. 8 × 15½ × 3½". U.L. listed AC operation, six "D" batteries (not incl.), or optional DC adapter. **14-779** **99.95**

3-WAY POWER: ALL RECORDERS ON THESE TWO PAGES OPERATE ON AC, BATTERIES OR EXTERNAL DC

Triple Play® Portable AM/FM Cassette Recorders

"King-Size" With Two-Way Speaker System—Big on Features and Sound!

99.95

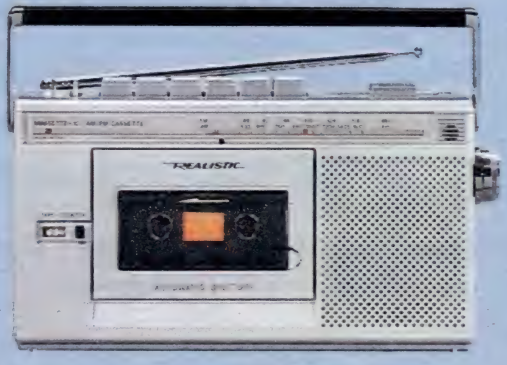
- *Record Your Own Cassettes Directly From Radio Or "Live" With Built-In Electret Microphone*
- *Separate Four-Inch Woofer and Solid-State Tweeter*

Realistic CTR-54. Our best monaural AM/FM cassette portable is very easy to use. You get perfect-volume tapes every time because Auto-Level sets recording level for you. Speaker monitor lets you listen while taping from radio. A three-digit counter helps you find tape selections. Auto-Stop in record and play modes conserves batteries and helps prevent tape damage. Tone control, 3-way tuning/record level/battery-check meter, jacks for external speaker, remote control mike, aux input. 9¼ × 14 × 3¾". U.L. listed AC operation, six "D" batteries (not incl.), or optional DC adapter (see table, p. 35). **14-816** **99.95**

High-Style, Ultra-Compact Size

89.95

- *Cue/Review*
- *Tape Counter*
- *Battery/Record LED*
- *Built-In Electret Condenser Mike*



Realistic Minisette®-10. Just 5 × 9½ × 2", yet has AM/FM and full-size cassette features! Cue/Review lets you hear tape in rewind and fast-forward—use it with counter to find selections quickly. Variable Monitor lets you listen at any volume while taping off-the-air. Pause control for easy editing, automatic record level setting. Auto-Stop works with special "sleep" switch to turn off radio automatically. Requires six "AA" batteries or optional AC/DC adapters (see table, p.35). **14-1000** **89.95**

All of the Most-Wanted Features!

79.95

- *Tuning/Battery Condition Meter*
- *Built-In Electret Condenser Mike*
- *Tape Counter*

Realistic CTR-50A. Enjoy AM, FM or tapes wherever you go! Auto Record Level, end-of-tape Auto-Stop and pause control make recording easy. Speaker monitor for listening while you tape off-the-air. Tone control, jacks for remote control mike, aux input, external speaker. 6¾ × 11¼ × 3". U.L. listed AC operation, four "D" batteries (not incl.), or optional DC adapter (see table, p. 35). **14-810** **79.95**

Our Budget-Priced Performer

49.95 NEW FOR '83

Realistic CTR-61. Make tapes directly from AM/FM radio or "live" with built-in electret mike. Auto-Stop, Auto Record Level, tone control. Jacks for remote mike, ext. speaker. 7½ × 10¾ × 3". Requires 4 "C" batteries or AC/DC adapters (see table, p. 35). **14-1001** **49.95**

Available Oct. 15, 1982

AC/Battery for Home or Away

69.95 NEW FOR '83

Realistic CTR-59. Use built-in electret mike, or record AM/FM directly off-the-air. Tone control, record indicator. External speaker and remote mike jacks. 8¼ × 12½ × 3½". U.L. listed AC operation, four "C" batteries (not incl.), or optional DC adapter (see table, p. 35). **14-1009** **69.95**

CASSETTE PORTABLES ON THESE TWO PAGES INCLUDE EARPHONE FOR PRIVATE LISTENING

Realistic Compact "On-the-Go" Cassette Recorders

Personal-Size Portable With Cue/Review

NEW FOR '83

69.95 • *Tape Counter* • *Built-In Electret Mike* • *Auto-Level* • *Auto-Stop*

Available Oct. 15, 1982

Realistic CTR-58. Cue/review and tape counter help locate selections. Pause control for easy editing as you record, LED battery/record indicator, jacks for remote control mike, external speaker. 4¼ × 6¾ × 2". Requires four "AA" batteries or AC/DC adapters.
14-1008 . . . . . **69.95**

High-Style, Ultra Slim-Line With Big Recorder Features

NEW LOW PRICE!

69.95 • *Variable Tone Control* • *Auto-Stop* • *Auto-Level*

Was $79.95 in 1982 Catalog

Realistic Minisette-9. No larger than a small book, yet has cue/review and tape counter to help locate selections, pause control, electret mike, LED record/battery indicator, jacks for external speaker, remote mike. 1 5/16 × 7 3/16 × 4 9/16". Requires four "AA" batteries or AC/DC adapters. **14-812** **69.95**

Feature-Packed Desktop

69.95 • *Cue/Review* • *Auto-Stop* • *Switchable Auto-Level*

Realistic CTR-51. Low-profile design with room-filling sound! Select Auto-Level for voice, manual control for best music tapes. Record level/battery meter, pause and tone controls, electret mike, tape counter, jacks for external speaker, remote mike, aux input. 2 3/16 × 10 × 6 7/8". U.L. listed AC operation, four "C" batteries (not incl.). or DC adapter.
14-813 . . . . . **69.95**

AC and DC Adapters

Operate recorders from house current or 12-volts DC negative ground mobile power.

Recorder Cat. No.	Uses AC Adapter	Uses DC Adapter
14-618	A	D
14-774	*	D
14-775	*	E
14-776	*	E
14-777	*	D
14-778	*	E
14-779	*	D
14-810	*	D
14-812	A	D
14-813	*	D
14-816	*	D
14-845	A	D
14-905	*	E
14-1000	C	D
14-1001	A	D
14-1005	A	D
14-1006	*	D
14-1007	*	D
14-1008	A	D
14-1009	*	D
14-1010	*	D
14-1011	A	D
14-1015	B	F
14-1016	B	F
14-1017	B	F
14-1018	A	D
14-1019	A	D
14-1020	A	D

Adapter	Cat. No.	Price
A (House AC to 6VDC)	273-1454	5.95
B (House AC to 3VDC)	273-1435	4.95
C (House AC to 9VDC)	273-1455	6.95
D (Car/Boat to 6/9VDC)	14-844	6.95
E (12VDC Car Cord)	270-1534	4.99
F (12VDC Car/Boat to 6/9VDC)	270-1561	8.95

* Not required. AC power supply built-in.

ALL U.L. listed, except 270-1561

Slim-Style Portables With Built-In Electret Mikes

Our Best Slim-Style

59.95 NEW FOR '83

For Music or Notes

Realistic CTR-57. Cue/review works with counter to help locate selections. Auto-Stop, Auto-Level, tone control, battery/record LED, jack for ext. speaker. 2¾ × 5½ × 10¼". U.L. listed AC operation or four "C" batteries (not incl.). or optional DC adapter.
14-1007 . . . . . **59.95**

Cue/Review and Counter

49.95 NEW FOR '83

Auto-Stop • Auto-Level

Realistic CTR-60. Counter and cue/review help find selections fast. Tone control, LED battery/record indicator, jacks for remote mike, aux input, ext. speaker. 2¾ × 5½ × 10". U.L. listed AC operation, four "C" batteries (not incl.), or optional DC adapter.
14-1010 . . . . . **49.95**

Available Oct. 15, 1982

Our Lowest Priced

31.95 *Great Value For Students*

Realistic CTR-55. Dependable "electronic note-taker" featuring Auto-Level, Auto-Stop, jacks for remote control mike, external speaker, aux input. Rugged case with handle. 2 × 5¾ × 10½". Requires four "C" batteries or AC/DC adapters.
14-1005 . . . . . **31.95**

AC/Battery Recorder

39.95 • *Auto-Level* • *Auto-Stop*

Realistic CTR-56. Three-way power—save on batteries when using it at home or in your car. Jacks for remote control mike, aux input, external speaker. 2 × 5¾ × 10½". U.L. listed AC operation, four "C" batteries (not incl.), or optional DC adapter.
14-1006 . . . . . **39.95**

Mini Music Systems Fit Anywhere–Ideal for Youngsters

AM/FM Stereo Cassette System With Built-In Speakers

149.95

Available Oct. 30, 1982

NEW FOR '83

- ***Perfect for Bedrooms, Dorm Rooms, Kitchens***
- ***Cassette Pause Control and Tape Counter***
- ***Bass and Treble Controls • Lighted Dial***

Realistic Clarinette®-66. Small size, small price, BIG value! Stylish "stacked" design looks great anywhere. Record off-the-air or "live" with optional mikes. LED power-on and FM stereo indicators. Headphone jack. Rear-panel switch selects built-in or external speakers (optional). Add a changer (see below) to complete the system. Simulated wood grain finish on top and sides. 11½ × 13½ × 11⅓". U.L. listed. **13-1214** **149.95**

Add a Changer to Your System

Realistic LAB-59. Two-speed, ceramic cartridge automatic changer. **42-2979** **69.95**

Complete description on page 20

10-LED Audio Level Meter

AM/FM/Phono Tape/Aux Selector

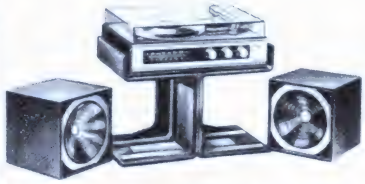
Jacks for Phono, Aux, External Speakers

AM/FM Radio With Stereo Phono and Speakers

Great "First System"

89.95

- ***Two-Speed Record Player***
- ***Removable Dust Cover***



Speakers Separate Up to 18 Feet

Realistic Clarinette-14. Space-saving pedestal base holds the phono/tuner plus either the speakers or collection of 45-RPM records. Ceramic phono cartridge with sapphire stylus, built-in 45-RPM adapter and slide-rule tuning dial. 6¼ × 13 × 10". Two wide-range speakers, each in 6¾ × 6⅝ × 6⅝" molded enclosures. U.L. listed. **13-1161** **89.95**

Low-Priced Stereo Phono System

59.95 ***Wood Speaker Enclosures***

NEW FOR '83

Clarinette-15. Three-speed manual phono has a built-in 45-RPM adapter, sapphire stylus, left and right channel volume controls, headphone jack and dust cover. 6⅛ × 13¼ × 10". Two 6" × 2" full-range speakers in 10 × 8 × 4½" cabinets with walnut vinyl veneer. Separate up to 18'. U.L. listed. **13-1119** **59.95**

Radio Shack's Musical Selection for Every Age Group

All-in-One AM/FM Stereo Cassette Phono Has Built-In Speakers

"Stereo-Wide" Switch Provides Enhanced Realism in All Modes

199.95

- *Record Tapes From Radio or Phono*
- *Add Mikes for "Live" Recordings*
- *Includes Dust Cover for Changer*

Realistic Clarinette-104. All-in-one space-saving music system. Three-speed changer. Cassette deck includes Auto-Stop record indicator light, 3-digit tape counter, pushbutton controls. Tuner has wide slide-rule dial, FM stereo indicator. Tone control. Headphone and mike jacks. 8½ × 19¾ × 17¼" molded cabinet. U.L. listed. **13-1210** **199.95**

Value-Priced 3-Piece Stereo Music System

219.95 **AM/FM Stereo/Phono/Cassette With Matching 18" High Speakers**

- *Tuner Features Attractive Edge-Lighted Dial*
- *Deck has Auto-Stop, Auto-Level, Pause Control*
- *3-Speed Changer With Hinged Dust Cover*

Realistic Clarinette-90. Musical versatility at a bargain price! Record cassettes from radio, changer, or "live" with optional mikes. Tuner features FM-AFC, FM stereo indicator, built-in antennas, external FM antenna terminal. Headphone jack. Walnut vinyl veneer finish. 5⅝ × 20⅝ × 17¼". Speakers, 18 × 11⅜ × 5¾". U.L. listed. **13-1199** **219.95**

2-Speed Phono, Great for Kids

NEW FOR '83

24.95

Budget-priced monophonic record player is safe and easy to use. Plays LPs as well as 45-RPM records. Manual operation, rotary on-off/volume control and top-mounted speaker. Durable, scuff-resistant case, 11⅞ × 4½ × 9½". U.L. Listed. **13-1115** **24.95**

Phono With "Light Show"

Kids—Pick Your Pardner for the Texas Two-Step

39.95

Brighten up any young music lover's life with this attractive 2-speed manual phono featuring a built-in multi-color light display. Plays LPs and 45-RPM records. On-off/volume control and "pop-up" 45-RPM adapter. 7 × 13 × 10". U.L. listed. **13-1116** **39.95**

Realistic Stereo Music Systems With 2-Way Speakers

Our Most Versatile System! AM/FM Stereo Phono With Record/Play Cassette and 8-Track Tape

299.95

- *22″-High Matching Speakers*
- *Jacks for Adding Remote Speakers*
- *Separate Bass and Treble Controls*

Realistic Clarinette®-102. Super versatile! The tape decks can record independently or together. Record a cassette, an 8-track—or both at the same time—directly from radio or phono as you listen. You can even make 8-track copies of your cassettes and cassette copies of 8-tracks! Front panel jacks let you add mikes for "live" tapes, too. Easy to operate: Auto-Level sets record volume. Cassette has counter to help find selections. 8-track has end-of-tape Auto-Stop to eliminate over-recording. Automatic 3-speed record changer features dust cover and a cue/pause lever that helps prevent record "scratches." AM/FM stereo tuner with lighted dial. Front panel ¼″ headphone jack. LED FM stereo, record, and 8-track program indicators. Walnut vinyl veneer finish. 9½ x 22¾ x 14⅞″. Matching speakers, 22 x 12 x 6½″, each with 8″ woofer, 3″ tweeter. U.L. listed. **13-1208** **299.95**

Features

Lighted AM/FM Tuning Meter

Front-Load Stereo Cassette Deck

Complete AM/FM Stereo Cassette Phono System With Accurate LED-Digital AM/FM Tuning Display

299.95

- *22″-High Matching Speakers With 8″ Woofers, 3″ Tweeters*
- *Jacks for Two Extra Speakers • 3-Speed Record Changer*

Realistic Clarinette-106. Packed with "big system" features! You can record directly from discs or radio—or add mikes for "live" tapes. Cassette has Auto-Level for perfect-volume tapes without adjustments, Auto-Stop, LED record mode indicator, tape counter and six push-lever controls—including pause for editing as you record. Automatic changer has hinged cover, cue/pause lever for gentle record handling. Seven-level LED signal strength indicator for precise tuning, edge-lighted dial, AFC for drift-free FM, built-in antennas and terminals for external FM antenna. Separate bass and treble controls, ¼″ headphone jack. Walnut vinyl veneer finish. 6 x 21⅜ x 14⅖″. Matching speakers, 22 x 12 x 6½″. U.L. listed. **13-1211** **299.95**

Features for Easy Tuning and Superb Sound

LED Digital Tuning Display Eliminates Guessing—Just Tune Until the Station's Frequency Appears

LED Center-Channel Meter and FM Stereo Indicator Tell You When You Are Perfectly Tuned

7-Level LED Signal Strength Indicator for Accurate AM And FM Tuning

Loudness Switch for Solid Bass at Low Volume. Hi Filter Cuts Tape "Hiss" & Record Scratches

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Space-Saver Stereo With New Styling and Special Features

"Tower" Design! Auto-Magic® FM! Soft-Touch Tape Controls! Cue/Review!

NEW FOR '83

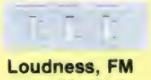
289.95

- *15″-High Two-Way Speakers*
- *Record/Play Stereo Cassette*
- *Two-Speed Record Changer*

Loaded With "Big Stereo" Features!

10-LED Audio Level Meter

Soft-Touch Tape Controls Including Cue and Review



Loudness, FM Auto-Magic & Hi-Filter Pushbuttons

Realistic Clarinette-108. If you're short on space, but still want great sound, features and looks, this is the system for you! Cassette deck has full end-of-tape Auto-Stop, tape counter and soft-touch controls—including pause for easy editing as you record. Cue/review lets you hear tape in fast-forward and rewind—helps you find selections quickly. Auto-Magic fine-tunes and locks in FM automatically. Automatic changer has hinged cover, cue/pause lever. Aux input lets you listen to, or record from, an external tape deck or turntable. Hi filter helps reduce tape "hiss," record "scratches." Vertical slide controls for bass, treble, balance, volume. Headphone jack. 9 × 16 1/8 × 15″. Matching speakers, 15 × 6 1/2 × 6 3/4″, each with 5″ woofer and 2″ tweeter. U. L. listed. **13-1213** **289.95**

Low-Priced 4-in-1 System With Record/Play Cassette, AM/FM Stereo, Phono and 8-Track

- *Matching 18″-High Speakers*
- *Automatic Record-Level on Cassette*
- *Two-Speed Automatic Record Changer*

NEW FOR '83 **239.95**

Realistic Clarinette-107. Our "everything" system on-a-budget plays cassettes or records them directly from radio or discs—even "live" if you add mikes. Listen to 8-tracks, or make cassette copies of them. Playback-only stereo 8-track deck has LED program indicators. Cassette has three-digit counter to help find selections, end-of-tape Auto-Stop, LED record indicator. Deluxe two-speed changer shuts off automatically after last record plays. Loudness pushbutton. LED FM stereo indicator. Headphone jack. Walnut vinyl veneer. 5 1/3 × 21 × 13 4/5″. Bass-reflex enclosures with 6 1/2″ wide-range speakers, 18 × 11 3/8 × 5 3/8″. U.L. listed. **13-1212** **239.95**

Cassette Recorder and 8-Track Player

Front-Load Record/Play Cassette

8-Track Player With Program Indicator Lights

MATCHING SPEAKERS INCLUDE PRE-WIRED CORDS AND CONNECTORS FOR EASY PLUG-IN HOOKUP

Radio Shack Cassettes for Super Sound and Value

SUPERTAPE® METAL—State of the Art Recording Tape!

NEW LOW PRICE

Low As **6.99** C-60

Was $7.95 in 1982 Catalog

Coercivity (Hc): 1100 Oersteds (Nom.).
Retentivity (Br): 3200 Gauss (Avg.). **Dynamic Range:** 68 dB.

Our finest! Coated with fine-grain metal particles—not oxide—SUPERTAPE METAL has magnetic properties that give you greater output at both high and low frequencies, and unbelievably low noise levels. This increased dynamic range lets you record solid bass and soaring, sparkling highs. You'll enjoy music reproduction that is virtually indistinguishable from open-reel! For recording on metal-capable recorders only. Plays on all cassette equipment. Precision 5-screw housing. With hinged storage box.

C-60. 44-960 . . . . . **6.99** **C-90. 44-961** **8.99**

SUPERTAPE GOLD— Premium Ferric

Low As **2.69** C-45

For optimum performance at normal bias. Audiophile quality at a popular price. Precision housing cuts wow and flutter. Built-in non-abrasive head-cleaning leader. With hinged storage box.

Coercivity (Hc): 335 Oersteds (Nom.).
Retentivity (Br): 1500 Gauss (Avg.). **Dynamic Range:** 60.4 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-45	45 minutes	44-920	2.69	2.39	2.15	1.79
C-60	60 minutes	44-921	2.99	2.69	2.39	1.99
C-90	90 minutes	44-922	3.99	3.59	3.19	2.69
C-120	120 minutes	44-923	4.99	4.49	3.99	3.29

SUPERTAPE CHROME—Improved Dynamic Range

Low As **3.99** C-60

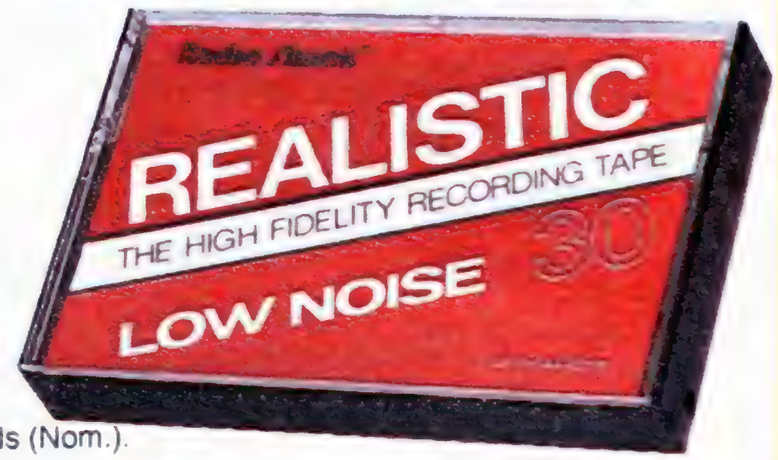
Hi-bias Chromium Dioxide formula captures loudest and softest passages, reduces noise. Greater high-frequency headroom preserves musical "detail." Records on equipment with CrO_2 bias switch. Plays on all cassette equipment. Head-cleaning leader. Hinged storage box.

Coercivity (Hc): 550 Oersteds (Nom.).
Retentivity (Br): 1800 Gauss (Avg.). **Dynamic Range:** 64.1 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-60	60 minutes	44-930	3.99	3.59	3.19	2.69
C-90	90 minutes	44-931	4.99	4.49	3.99	3.29

REALISTIC®—Low-Noise, High-Output

Low As **1.59** C-30



Made with Realistic's exclusive High-Flux Density oxide formula for high output, wide frequency response, low noise and distortion—at low cost! Precision housing reduces wow/flutter. With hinged storage case.

Coercivity (Hc): 320 Oersteds (Nom.).
Retentivity (Br): 1125 Gauss (Avg.). **Dynamic Range:** 54.5 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-30	30 minutes	44-601	1.59	1.39	1.55	1.05
C-60	60 minutes	44-602	1.99	1.75	1.59	1.29
C-90	90 minutes	44-603	2.79	2.45	2.19	1.85
C-120	120 minutes	44-604	3.49	3.05	2.79	2.29

Mini-Cassettes

15 Minutes Each Side

NEW LOW PRICE

2.69

Was $2.99 in 1982 Catalog

Mini-30. For rim-drive recorders such as Realistic Minisette, others.

Total Record Time	Cat. No.	Each	
		1-9	10-Up
30 minutes	44-633	2.69	2.29

Micro-Cassettes

Up to 60 Minutes Per Side

3.49

Micro-60. For capstan-drive recorders such as our Micro-10, others.

Total Recording Time		Cat. No.	Each	
2.4cm/sec.	1.2 cm/sec.		1-9	10-Up
60 min.	120 min.	44-640	3.49	2.99

concertape®—Quality Sound at Affordable Prices

The smart choice for general purpose recording. Use shorter tapes for "voice letters." Longer cassettes are ideal for note-taking, language study, or recording and playing at home or in car and portable players. Heavy-duty Polyester base resists age, humidity, breaks and stretching.

Cassette 3-Packs

Low As **1.99** C-30 Pkg. of 3

Singles

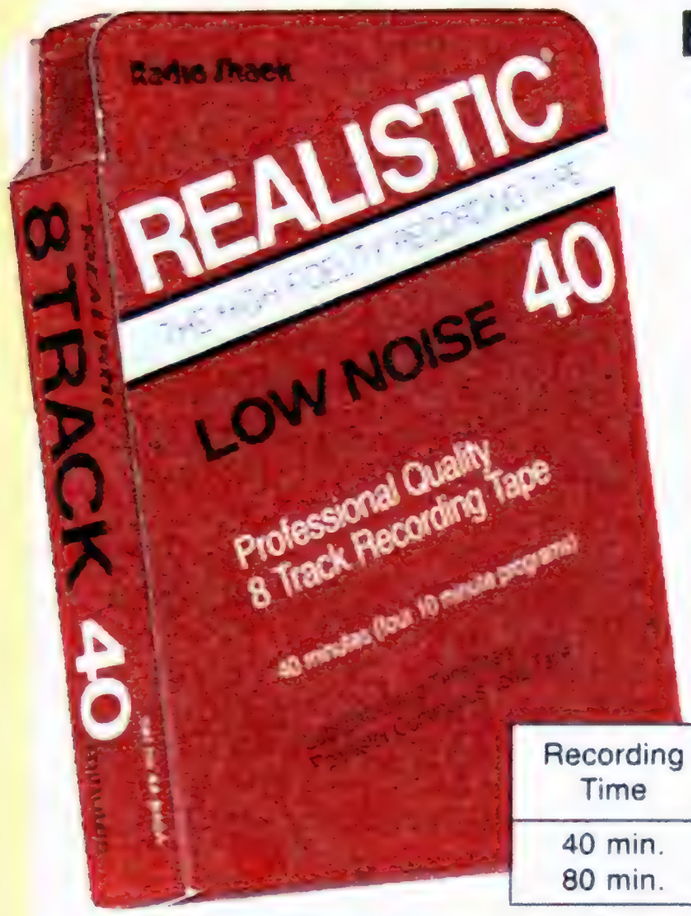
Type	Recording Time Each	Cat. No.	3-Pack	
			1-11	12-Up
C-30	30 minutes	44-606	1.99	1.79
C-60	60 minutes	44-607	2.59	2.29
C-90	60 minutes	44-613	3.59	3.19
C-120	120 minutes	44-614	4.99	4.39

Low As **88¢** C-60

Type	Recording Time	Cat. No.	Each
C-60	60 minutes	44-605	.88
C-90	90 minutes	44-620	1.25

YOUR NEARBY RADIO SHACK STORE CAN OFFER EVEN BIGGER DISCOUNTS ON LARGE-QUANTITY ORDERS

Quality Realistic® Open-Reel and 8-Track Blank Tape



Low-Cost Realistic® 8-Track Recording Tape

Low As **1.99** 40 Min.

Our Own Special Formula Oxide Coating Captures More Of the Music With Less Noise

Record your own cartridges for a low-cost music library. Friction-reducing lubricant increases tape life for trouble-free recording and playback. Polyester base resists breaks, stretches, and the effects of age and humidity. A terrific value!

Recording Time	Cat. No.	Each			
		1-11	12-24	25-49	50-Up
40 min.	44-840	1.99	1.79	1.59	1.39
80 min.	44-841	2.69	2.39	2.15	1.89

SUPERTAPE® Premium Open-Reel Tape

Low As **3.99** 5" Reel

Super-Calendered For a Mirror-Like Surface

Get superb sound, without special bias settings. Superior sensitivity and wide frequency response. High tensile strength.

Coercivity (Hc): 300 Oersteds (Norm.). **Retentivity (Br):** 1220 Gauss (Avg.). **Dynamic Range:** 63.0 dB.

Reel Size	Feet	Mil	Cat. No.	Each	
				1-9	10-499
5"	900	1.0	44-1872	3.99	3.19
7"	1200	1.5	44-1878	5.79	4.59
7"	1800	1.0	44-1877	6.49	5.19
7"	3600	0.5	44-1880	11.49	9.19

SUPERTAPE® Lab Standard 8-Track

3.99 90 Min.

Special Fine-Grain Oxide For Superior Frequency Response

High-output, low-noise formulation reduces "hiss." Back-coated with special lubricant to prevent "jams" for increased tape life. Tough Polyester base resists stretching, breaking. **44-843.**

Each			
1-11	12-24	25-49	50-Up
3.99	3.59	3.19	2.99

REALISTIC Low-Cost, Low Noise Tape

Low As **1.49** 3" Reel

Wide Frequency Response

High-quality open-reel tape with uniform oxide coating for excellent frequency response and signal-to-noise ratio. Polyester base resists temperature and humidity, prevents stretching.

Reel Size	Feet	Mil	Cat. No.	Each			
				1-5	6-9	10-49	50-499
3"	225	1.0	44-734	1.49	1.35	1.25	1.19
5"	900	1.0	44-753	2.99	2.69	2.49	2.39
5"	1200	0.5	44-752	3.99	3.59	3.39	3.19
7"	1800	1.0	44-754	5.49	4.95	4.59	4.39
7"	2400	0.5	44-758	6.49	5.79	5.49	5.19
7"	3600	0.5	44-766	7.99	7.19	6.79	6.39

Open Reel Recorder Accessories

7" Metal Reel

6.95

Professional Quality

Improves the appearance and performance of any reel recorder! Won't crack, split or warp. With storage box.
44-280 . . . . . **6.95**

Tape Reels With Boxes

Low As **59¢**

Plastic reels. With index, timing chart.

Reel	Cat. No.	Each	Reel	Cat. No.	Each
3"	44-273	.59	5"	44-278	.99
3¼"	44-1000	.69	7"	44-279	1.39

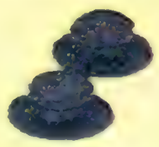
Leader Tape

Ideal for Editing **1.59** Pkg. of 2

Color-coded leader. Two 150-foot reels. ¼" × 1.5-mil.
44-1053 . . . . **Pkg. 2/1.59**

Tape Reel Holders

Fit Most Recorders **1.19** Pkg. of 2



Keeps reels seated, wobble-free. **44-1068** . . . . . **Pkg. 2/1.19**

All-Purpose Budget-Priced concertape®

Only **2.49**

Ideal for Voice and General-Purpose Recording

Heavy-duty 1-mil Polyester base resists breaking and stretching, while giving you extra-wide response. 1800 feet on a 7" reel for extra recording time at low cost. Ideal for off-the-air tapings. Includes storage box.
44-1018 . . . . . **2.49**

SUPERTAPE® Video Cassettes—The New Standard of Excellence for Home Video Recording and Playback

Special Magnetic-Particle Binder System Gives You Extra-Long Life at All Speeds

- *Premium Formulation Provides Superior Picture Definition*
- *Precision Housing Protects Tape and Reduces Friction*

SUPERTAPE Video Cassettes. Our exclusive formulation and binder system combined with perfectly aligned and optimally sized magnetic particles give you increased chroma output for brilliant, true-to-life colors. These video cassettes deliver performance that you'll continue to enjoy even after multiple recordings and hundreds of playbacks. Cassette shell is engineered to minimize dust pickup and is compatible with all brands of video cassette recorders.

VHS T-120. Up to six hours recording time. **44-400 . . Each 16.95**

Beta L-500. Up to three hours recording time. **44-450 . . Each 14.95**

SUPERTAPE Video meets or exceeds all reference standard specifications.

VHS T-120. Coercivity: 660 Oersteds. **Retentivity:** 1350 Gauss. **Video RF Output:** +1.0 dB. **Chroma Output:** +2.0 dB. **Stop Motion:** Greater than one hour with no loss of picture quality.

Beta L-500. Coercivity: 600 Oersteds. **Retentivity:** 1300 Gauss. **Video RF Output:** +1.0 dB. **Chroma Output:** +1.5 dB. **Stop Motion:** Greater than one hour with no loss of picture quality.

VHS T-120 **15.95** Each In Box of 12
16.95 Each, 1-11

Beta L-500 **13.95** Each In Box of 12
14.95 Each, 1-11

Video Cassette Accessories for Extra Performance and Convenience

Automatic VCR Cleaning System

Loads Like a Cassette—Just Play.

VCR Cleaning Kit. No need to open your VCR. Non-abrasive system thoroughly cleans all heads, capstan and pinch roller. Special disposable cleaning inserts are pre-moistened with Freon TE* solution and sealed—no guesswork, no spills. Includes three inserts.

A **For VHS Recorders. 44-1174 . . 19.95**
B **For Beta Recorders. 44-1175 . 19.95**
C **Cleaning Insert Refills.** Individually sealed, pre-measured, easy to use. **44-1173 . . . . . Pkg. of 3/2.99**

*TM, E.I. du Pont de Nemours & Co., Inc.

VCR Cleaning Kit

9.95

Keep Your VCR at Peak Performance

Helps remove deposits from heads, rollers, capstan. Includes four reusable chamois-tip head cleaning tools, brush, mirror probe, soft cotton glove, ½-oz. of Freon TF* cleaner, instructions. **44-1172 . . . . . 9.95**

Video Log Index System

NEW FOR '83 **4.99**

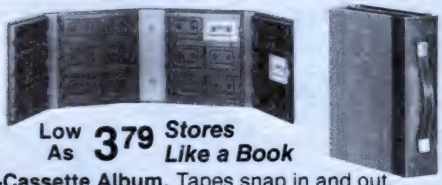
Organize Your Tape Collection

Ring-binder index "book" stores like a video cassette. With master "title" index cards, 50 removable information cards for individual tapes. **44-1176 . . . . . 4.99**

SEE RADIO SHACK'S COMPLETE LINE OF VIDEO ACCESSORIES—PAGES 88-89

Protect and Organize Your Audio/Video Tape Library

Cassette Storage Albums



Low As **3.79** *Stores Like a Book*

12-Cassette Album. Tapes snap in and out. Folds up to 10½ × 9½ × 1¼". **44-612** **3.79**
24-Cassette Album. With handle. **44-609** **6.99**

60-Cassette Carrying Case

16.95

Double Sided Design

Take all your tapes along! Opens from either side. Durable "saddle hide" vinyl finish, snap latch. 14¼ × 9⅞ × 6½". **44-679** . . **16.95**

36-Cassette Storage Cabinet

21.95

Stacks With Components

Three compartmented drawers organize tapes for easy selection. Walnut vinyl finish, non-scuff feet. 4¼ × 15⅝ × 12½". **44-669** **21.95**

Cassette O-Matic*

NEW FOR '83 **2.49**

Holds Tapes Securely

U.S. Patent #4239109

*TM, A.D. Communications

Five-cassette storage system expands easily—just interlock more modules. **44-674** **2.49**

Cassette Carousel

Holds Up to 32 Tapes

9.95

For tapes with/without box. Stackable—use several for big collections. **44-673** **9.95**

Cassette Car Carrier

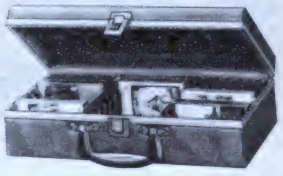
NEW FOR '83 **9.95**

Holds eight tapes, with or without boxes. Mounts underdash with slip-in bracket and adhesive strip. **44-677** **9.95**

Deluxe 24-Cassette Case

15.95

Attache Case Styling



Padded leather-look vinyl finish. Cushioned interior design. Latch. 14⅛ × 7½ × 4¼". **44-663** **15.95**

Cassette Pouch

2.49

Holds Three Tapes

Attaches to your belt, or to shoulder strap of portable players. **44-691** **2.49**

15-Cassette Storage Tray

3.49

Fits Shelf or Drawer

Smoke-tinted cover protects tapes, yet lets you see titles. Lifts off for easy access. 3⅛ × 12½ × 4½".**44-665** . . . **3.49**

10-Cassette Case

5.95

Great for Home, Car or Portable Use

Handsome padded brown vinyl. Snap-lock cover, hand strap. 9¾ × 5½ × 3¾". **44-659** . . . **5.95**

12 and 24-Cassette Cases

Low As **6.95**

Scuff-Proof Padded Vinyl

Snap-lock cover, carry handle.

12-Cassette. 44-657 . . . . . **6.95**
24-Cassette. 44-658 . . . . . **9.95**

Universal VCR Cover

NEW FOR '83 **5.95**

See Thru Front

Keeps out damaging dust. Antistatic vinyl. Fits most VCRs. 7 × 20 × 16". **44-1181** **5.95**

Video Tape Storage Modules

NEW FOR '83 **5.99**

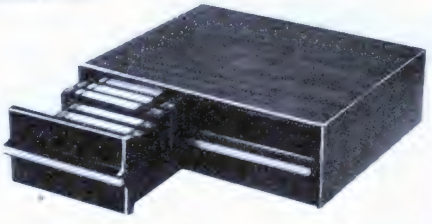
Holds Six Tapes

Organizes your tapes. Expands by locking on more modules.
For VHS. 44-1190 . . . . . **5.99**
For Beta. 44-1191 . . . . . **5.99**

Deluxe Video Tape Cabinet

NEW FOR '83 **34.95**

Holds Up to 20 Beta or VHS Cassettes



Attractive, sturdy wood cabinet with two compartmented drawers will support up to 70 pounds. Stacks between components or VCR can be placed on top. No-mar feet. Simulated woodgrain finish. 5¼ × 17½ × 16". **44-1196** **34.95**

Video Cassette Labels

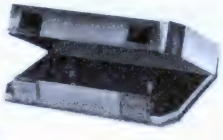
NEW FOR '83 **1.99** Pkg. of 10

For easy tape re-labeling.
VHS. 44-1177 . . . . **Pkg. 10/1.99**
Beta. 44-1178 . . . . **Pkg. 10/1.99**

Video Tape Mailers

NEW FOR '83 **2.49**

Labels Included



U.S. Postal Service-approved. Locks, also provides dust-free storage for tape libraries.
For VHS. 44-1192 . . . . . **2.49**
For Beta. 44-1193 . . . . . **2.49**

Video Tape Rack

NEW FOR '83 **3.99**

Stores Ten Cassettes

Durable smoked acrylic construction, for wall or shelf use. Accepts Beta or VHS. No-mar rubber feet. **44-1194** **3.99**

Video Tape Storage Unit

NEW FOR '83 **14.95**

Stores 16 Beta or VHS Tapes

Displays your video tape library for easy selection. Durable molded design, can be mounted on wall or shelf. **44-1195** **14.95**

TAPES NOT INCLUDED WITH ITEMS ON THIS PAGE

Low-Cost Accessories for "Pro-Quality" Recording

Electronic Cassette Demagnetizer

21.95

- ***Demagnetizes in One Second***
- ***Cordless—Requires No AC***

Prevents loss of high frequency response! Loads like an ordinary cassette—ideal for auto players. Completely automatic, with LED indicator. Includes long-life battery.
44-1165 . . . . . **21.95**

Lighted Head Demagnetizer

13.95

- ***For Cassette, 8-Track, Open-Reel***
- ***Illuminated Tip Helps You See***

Restores high frequency response, reduces hiss and prevents tape damage caused by magnetized heads. Lighted 3½" probe. 1 × 9 × 2" overall. U.L. listed AC operation.
44-207 . . . . . **13.95**

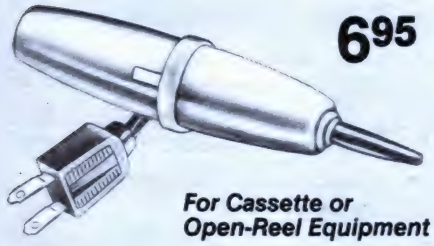
Magnetic Bulk Tape Eraser

15.95

Also Erases Computer Floppy Disks

Quickly erases cassette, 8-track and open-reel tapes! Reduces noise levels below recorder's own erase head level. Not for metal or video tapes. U.L. listed AC operation. **44-232** **15.95**

Budget Demagnetizer



6.95

For Cassette or Open-Reel Equipment

Pencil-shaped head demagnetizer reduces hiss and helps maintain high frequency response. U.L. listed AC operation. **44-215** **6.95**

Universal Demagnetizer

For All Tape Players

9.95

Reduces hiss, improves signal-to-noise ratio on cassette, 8-track and open-reel equipment. Two interchangeable tips can be bent to any angle. U.L. listed AC operation.
44-211 . . . . . **9.95**

Cassette Demagnetizer and Head Cleaner

Helps Prevent Jamming, Reduces Hiss and Noise

5.95

Insert for 60 seconds after every eight to ten hours of equipment operation to prevent loss of "highs" and keep tape path clean. For all players, recorders. Great for car players, cassette decks and portables. Cordless. **44-631** **5.95**

Car/Boat Adapter

6.95

Saves batteries! Powers most 6/9V portable radios and recorders from cigarette lighter. LED indicator. Fused. 12VDC neg. gnd.
14-844 . . . . . **6.95**

Splicers for Easy Tape Editing and Repairs

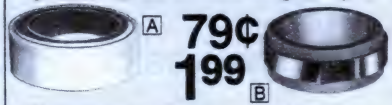
Ⓐ **3.99** Ⓑ **6.49** Ⓒ **1.99**

Ⓐ **Open-Reel/Cassette Editing Block.** Anodized aluminum splicer has 90° and 45° cutting guides. Includes cutting blade, mounting strip, instructions. **44-224** **3.99**

Ⓑ **Cassette Splicer.** Chromed cut/trim lever cuts diagonally, trims excess tape. Includes roll of splicing tape. **44-214** **6.49**

Ⓒ **Universal Dual-Track Splicer.** For cassette, 8-track and open-reel tapes. Includes razor blade, instructions. **44-216** **1.99**

Splicing & Sensing Tape



Ⓐ **79¢**
1.99 Ⓑ

Ⓐ **Splicing Tape.** For repair and editing. Polyester base resists age, heat, humidity. 100" roll.

Width	Cat. No.	Each
7/32"	44-1125	.79
3/8"	44-1126	.79
1/8"	44-1128	.79

Ⓑ **Sensing Tape.** For recorders with contact or photo sensing systems. 7/32 × 100". **44-1155** **1.99**

Cassette Hand-Winder

4.69

Rewind cassette tapes by hand. Saves your portable's batteries. Winds a C-90 cassette in just 60 seconds—faster than most recorders! **44-223** **4.69**

Heavy-Duty Carry Strap

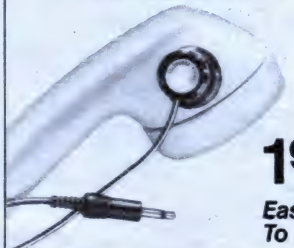
NEW LOW PRICE

4.99 Was $5.95 in 1982 Catalog

Great for Portable Radios and Tape Players

Durable nylon web strap. Fully adjustable, with sturdy metal clasps. **44-690** **4.99**

Phone Pickup Coil



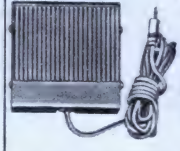
1.99

Easy To Use

For high-quality recordings of phone calls. Suction cup fastens on phone. With cord, ⅛" mini-plug. **44-533** **1.99**

Remote On/Off Switches

Ⓐ **3.69**



NEW LOW PRICE

Ⓑ **2.69**

Was $2.99 in 1982 Catalog

Ⓐ **Foot Switch.** With sub-mini plug. Fits into remote control jack of recorder. **44-610** **3.69**

Ⓑ **Hand Switch.** Convenient remote on/off control. **44-777** . . . **2.69**

Radio Shack is Tape Care and Cleaning Headquarters

3-Way Cleaning Cassette

NEW FOR '83

4.99

Unique Wiping Action

U.S. Pat. Nos. 3,955,214 and 4,149,206

Soft felt pads scrub tape head, clean pinch roller and capstan. With ½-oz. of special cleaning solution. **44-1163** **4.99**

Tape Head Cleaning Kit In Cassette-Size Case

NEW LOW PRICE **3.99** Was $5.95 in 1982 Catalog

Get great recording and playback every time! Includes brush, inspection mirror, cleaning tool and pads, cleaning fluid. For cassette and open-reel. **44-222** **3.99**

Professional-Quality Head Cleaning Kit

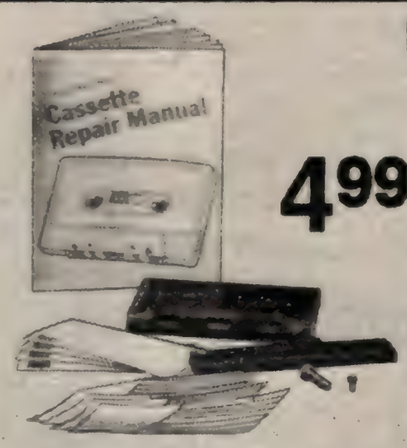
NEW LOW PRICE

2.99 Was $3.19 in 1982 Catalog

For audio and video! Includes 6-dram bottle of special Freon TF* solvent and six reusable lint-less foam swabs. **44-1170** **2.99**

*TM E.I. du Pont de Nemours & Co., Inc.

Deluxe Cassette Tape Repair Kit



4.99 *All You Need for a Complete Tape Overhaul!*

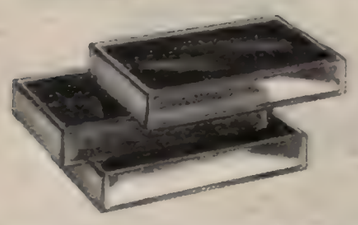
Fix your damaged tapes! Detailed 32-page manual, housing, splice block, razor blade, mylar splice tabs, screws, adhesive labels. **44-629** **4.99**

Cassette Tape Fixer

NEW FOR '83 **2.49**

Straightens and helps you rewind, clean and repair tangled cassette tapes. Semi-automatic. **44-634** **2.49**

Cassette Storage Boxes



1.19 3-Pack

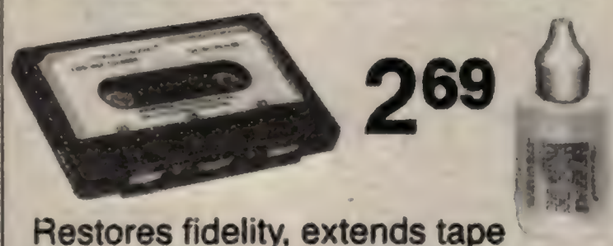
Protect your tapes! Hinged see-through door for easy identification. **44-611** ..... **Pkg. 3/1.19**

Cassette Repair Kit

1.19 *Simple To Use*

Replace your damaged or worn-out housing with a new one. 24" leader tape, instructions. **44-626** **1.19**

Cassette Doubleheader

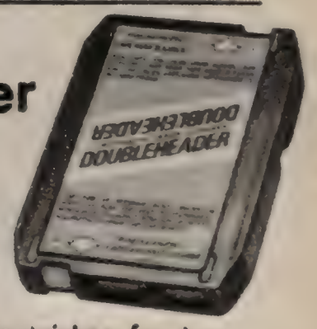


2.69

Restores fidelity, extends tape life by removing oxide deposits from heads, capstan. **44-1162** **2.69**

8-Track Doubleheader

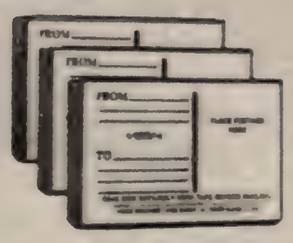
2.99 *Easy Operation*



Insert each end of cartridge for ten seconds to clean head, sensor and capstan. **44-208** **2.99**

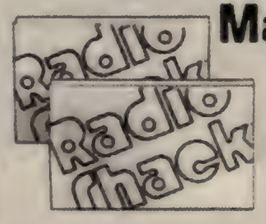
Plastic Cassette Mailers

89¢ 3-Pack



Mail cassette "letters". Meets 1st Class Postal Regulation PSM 352.2. With labels. **44-608** ... **Pkg. 3/89¢**

Economy Cassette Mailing Boxes



79¢ Pkg. of 6

Heavy-duty cardboard. Meets 1st class postal regulations. Mailing labels. **44-632** ..... **Pkg. 6/79¢**

Cassette Head Cleaner

1.89

Low-cost, non-abrasive cleaner helps prevent dirt build-up. **44-1160** **1.89**

8-Track Head Cleaner

1.99 *Budget-Priced*

"Play" for ten seconds. Removes oxide deposits from heads to restore volume. **44-1161** **1.99**

Head Cleaner Spray and Solvents

Low As **99¢**

A **Head Cleaner Solution.** Cleans heads, guides, rollers, all metal parts. 2 oz. **44-1010** ..... **99¢**

B **"Non-Slip" Solvent.** For idler wheels, belts, cords. Fast drying. 2 oz. **44-1013** ..... **99¢**

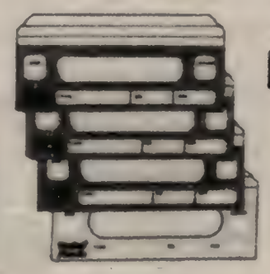
C **Head Cleaner Spray.** Sprays away grime. Extension nozzle for hard-to-reach spots. **44-1011** .. **2.29**

Cassette Index Cards

1.19 Pkg. of 20

Replace old cards—room to list newly recorded selections. Fit all standard tape boxes. **44-623** ..... **Pkg. 20/1.19**

Cassette Index Labels

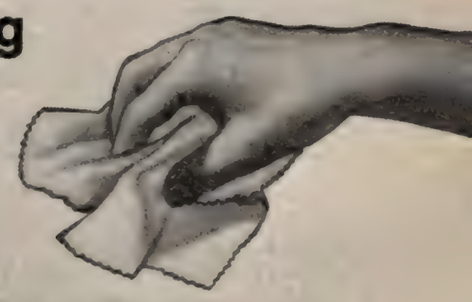


99¢ Pkg. of 24

Self adhesive. Six each of red, blue, yellow and green. **44-621** ..... **Pkg. 24/99¢**

Cleaning Cloths

1.49 Pkg. of 4



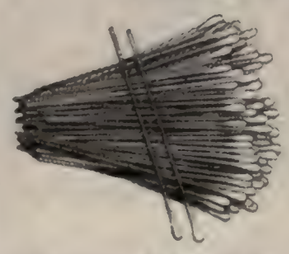
Chemically treated to gently clean tapes, equipment, dust covers. **44-1088** ..... **Pkg. 4/1.49**

Recorder Cleaner Kit

1.69

1¼-oz. bottles of cleaner and lubricant. Ten long-reach swabs. **44-217** **1.69**

Head Cleaning Sticks

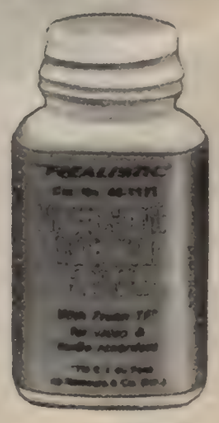


1.29 Pkg. of 100

Cotton-tipped 6" wood sticks for hard-to-reach places. **44-1093** ..... **Pkg. 100/1.29**

"Pro" Tape Head Solvent

1.99 2 oz.



Freon TF* dissolves dirt, oxide. For audio or video use. **44-1171** **1.99**

*TM E.I. du Pont de Nemours & Co., Inc.

High-Quality Audio Cables, Connectors and Adapters

39″ Gold-Plated Patch Cords

12.95

Approved For Video!

For Minimum Signal Loss

MF-200 Maximum Fidelity. Low-capacitance, corrosion-resistant plugs for maximum conductance. Spring-type strain reliefs.
42-2601 . . . . . 12.95

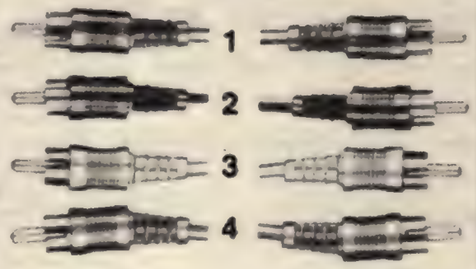
Shielded Patch Cords

NEW LOW PRICES!

Low As **2.99**

Description	In.	Cat. No.	Was	Now
2 Straight Phono Plugs at Each End	36	42-2351	3.39	2.99
2 Straight Phono Plugs at Each End	72	42-2352	4.69	3.99

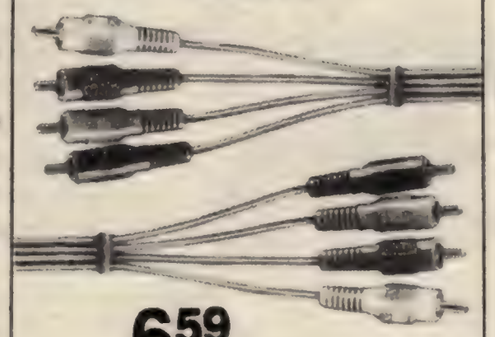
4 Color-Coded 36″ Cables



3.99 ***Green, Red, Black And Yellow***

Shielded for positive protection and low signal loss. Phono plugs for easy hookup.
42-2309 . . . . . 3.99

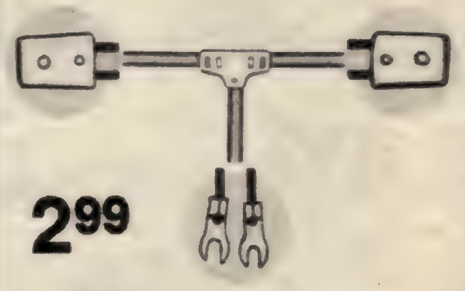
39″ Audio Patch Cable



6.59

Connect tape decks, signal processors, equalizers to your stereo system. Four phono plugs on each end. **42-2354 . . . . 6.59**

FM Dipole Antenna

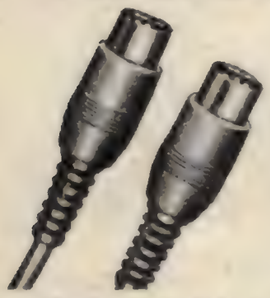


2.99

Get Better FM Reception!

Better than "built-ins". "Quick-connect" lugs attach to terminals for easy hookup. 300 ohms.
42-2385 . . . . . 2.99

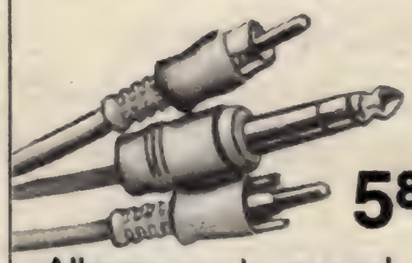
6-Foot DIN Patch Cord



5.49

Shielded cable with 5-pin DIN male connectors on each end.
42-2151 . . . . . 5.49

6-Ft. Stereo 1/4″ Y-Adapter



5.89

Allows you to record from a headphone jack. 1/4″ phone plug to two phono plugs.
42-2474 . . . . . 5.89

39″ Stereo 1/8″ Y-Adapter

NEW FOR '83

4.69

Record or play personal portables from headphone jack through home stereo. 1/8″ stereo mini-plug to two phono plugs. **42-2475 . . 4.69**

1/8″ to 1/8″ Dubbing 6-Foot Patch Cord

3.29

Dub from recorder's earphone jack to mike-input jack on second unit. **42-2152 . . . . 3.29**

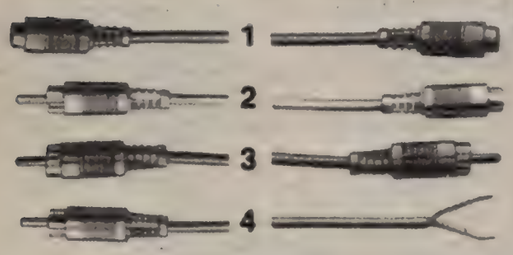
1/8″ to Phono Plug 6-Ft. Dub Cord

NEW FOR '83

2.99

Dub from amp tape output to portable recorder mike input. 1/8″ mini-plug to phono plug.
42-2461 . . . . . 2.99

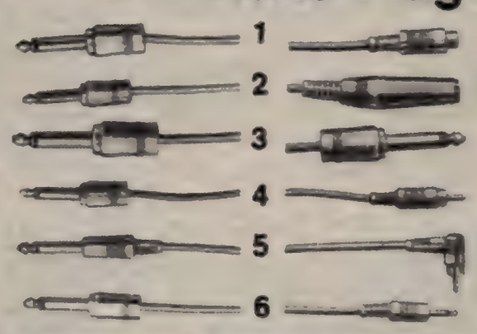
Phono Plug Cables



Low As **1.69**

Fig.	Description	In.	Cat. No.	Each
1	Phono Jack to Phono Jack	72	42-2358	2.49
2	Phono Plug to Phono Jack	36	42-2361	2.29
2	Phono Plug to Phono Jack	72	42-2362	2.39
2	Phono Plug to Phono Jack	144	42-2363	3.19
3	Phono Plug to Phono Plug	18	42-2365	1.79
3	Phono Plug to Phono Plug	36	42-2366	1.89
3	Phono Plug to Phono Plug	72	42-2367	2.19
3	Phono Plug to Phono Plug	144	42-2368	3.09
4	Phono Plug to Stripped Tinned Ends	36	42-2370	1.69
4	Phono Plug to Stripped Tinned Ends	72	42-2371	1.89
4	Phono Plug to Stripped Tinned Ends	144	42-2372	2.19

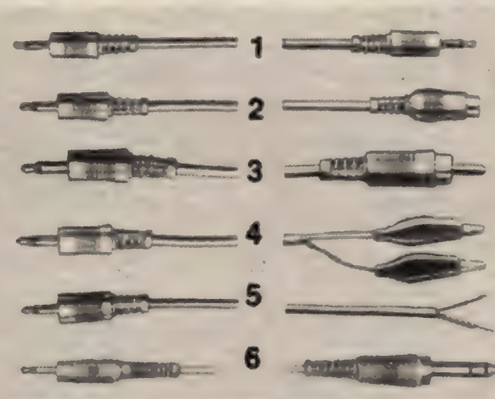
1/4″ Phone Plug Cables



Low As **2.89**

Fig.	Description	In.	Cat. No.	Each
1	Phone Plug to Phono Jack	72	42-2377	2.89
2	Phone Plug to Inline Phone Jack	144	42-2378	4.19
3	Phone Plug to Phone Plug	72	42-2381	3.29
4	Phono Plug to Phone Plug	72	42-2373	3.19
5	90° Phono to Phone Plug	72	42-2440	2.89
6	Mini Phone Plug to Phone Plug	72	42-2433	2.89

Mini Plug Cables



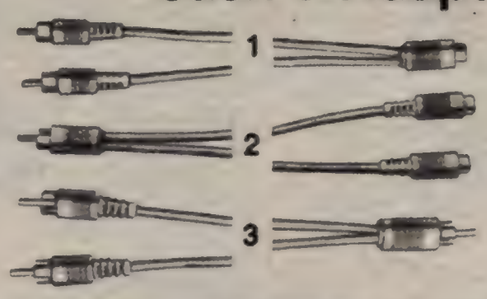
Low As **1.99**

Fig.	Description	In.	Cat. No.	Each
1	Mini Phone Plug to Mini Phone Plug	72	42-2420	2.29
2	Mini Phone Plug to Mini Phone Jack	72	42-2472	3.19
3	Mini Phone Plug to Phone Plug	72	42-2444	1.99
4	Mini Phone Plug to Alligator Clips	72	42-2421	2.29
5	Mini Phone Plug to Stripped Ends	72	42-2434	2.29
6	Mini Phone Plug to Stereo Phone Plug	72	42-2157	2.89

Coiled Guitar Cords

Fig.	Description	In.	Cat. No.	Each
1	Coiled: 3 ft. Extends to 15 ft. 90° Phone Plug to Phone Plug	180	42-2473	6.99
2	Coiled: 90° Phone Plugs	144	42-978	4.99

Phono Plug to Phono Jack Y-Adapters



Low As **1.99**

Fig.	Description	Cat. No.	Each
1	Y-Adapter: 2 Phono Plugs Connected to 1 Phono Jack. 4″ Shielded Cable	42-2435	2.59
2	Y-Adapter: Phono Plug Connected to 2 Phono Jacks. 3″ Shielded Cable	42-2436	2.59
3	Y-Adapter: 3 Phono Plugs Connected to 4″ Shielded Cable	42-2438	1.99

Assorted Y-Adapters

Low As **1.89**

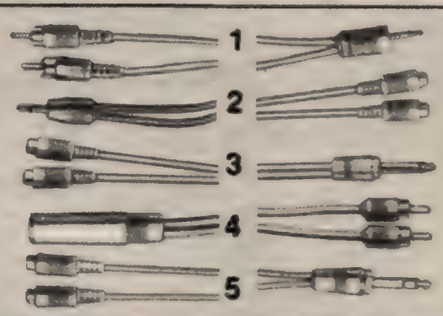


Fig.	Description	Cat. No.	Each
1	Flexible Y-Adapter: 2 Phono Plugs Connected to 1/8″ Mini Plug. 9″ Long	42-2153	1.89
2	Flexible Y-Adapter: 2 Phono Jacks Connected to Mini Phone Plug. 9″ Long	42-2154	1.99
3	Flexible Y-Adapter: 2 Phono Jacks Connected to 1/4″ Plug. 5¾″ Long	42-2150	2.29
4	Y-Adapter: 3-Conductor (Stereo) Phone Jack to 2 Phono Plugs	42-2471	3.59
5	Y-Adapter: 3-Conductor (Stereo) Phone Plug to Phono Jacks	42-2477	2.59

Speaker Accessories and Cables for Every Need

Convenient Stereo Speaker Switch Box

12.95

Handles Up to Six Speakers

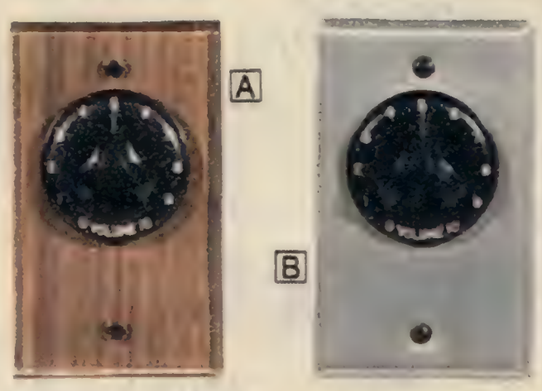
Control living room, bedroom and outdoor speakers from a central location. Controls three pairs of stereo speakers or six mono speakers. Rated 10 watts rms. Sturdy molded case. 2 1/8 × 6 × 3 1/4". **40-125** **12.95**

Speaker Selector Switch

6.95 ***Handles Four Speakers***

Controls two pairs. Non-shorting. Enclosed in metal case. With mounting hardware. **40-130** **6.95**

Stereo Volume Controls



10.95 *75 Watt* **6.95** *25 Watt*

Control volume of two 8-ohm speakers. Mounts easily to wall.

A **40-978** **10.95**

B **40-979** **6.95**

Molded Foam Speaker Grille

7.95 Each

Acoustically transparent. Hook-and-loop fasteners for easy mounting. 17 × 23 1/2 × 3/4". **Brown.**

40-1946 ..... **7.95**

Black.

40-1951 ..... **7.95**

Cloth Speaker Grilles

Low As 5.99

Color-fast fabrics resist sagging, shrinking, fading. Acoustically transparent.

Fig.	Description	Size	Cat. No.	Each
A	Deluxe Brown	36 × 34"	40-1936	6.99
B	Deluxe Black	36 × 34"	40-1935	6.99
C	Basket Weave	36 × 32"	40-1949	5.99

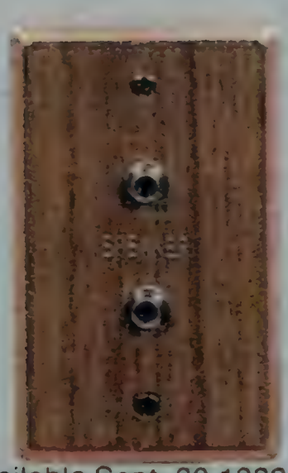
Monophonic Volume Control

4.49

Easy Mounting, Convenient Operation!

Controls volume of individual speakers. 25 watts music peak. Mounts in wall or baffle. 8 ohms. **40-980** **4.49**

Speaker Wall Jack With Phono Plugs



NEW FOR '83

2.69

Hook up stereo speakers anywhere. Includes two phono plugs. Simulated walnut grain.

40-981 ..... **2.69**

Available Sept. 30,1982

Speaker Wall Terminals

2.99

Add Speakers To Any Room

Easy hookup and quick release. Spring-loaded, color-coded terminals. Includes all hardware. Simulated walnut grain.

40-975 ..... **2.99**

Rugged Metal Wall Brackets

3.95 Pair

Each Supports Up to 50 Lbs.

Now you can easily wall-mount speakers, yet keep the brackets hidden from view. Screws for hardwood mounting of two speakers. **40-150** ..... **Pair 3.95**

Lug-to-Lug Speaker Cables

Low As 1.59

Color-Coded For Easy Hookup

Solderless! Color-coding helps insure proper phasing. For extension or main speakers.

Feet	Gauge	Cat. No.	Each
24	18	42-2451	3.99
24	24	42-2446	2.09
12	24	42-2447	1.59

Phono Plug-to-Lug Cables

Low As 2.19

Molded Cable Assemblies

Feet	Gauge	Cat. No.	Each
24	18	42-2452	4.29
24	24	42-2450	2.29
12	24	42-2449	2.19

1/8" Mini Plug-to-Lug Cable

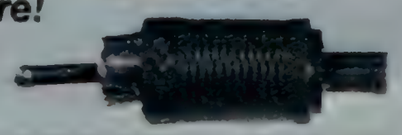
2.19

Feet	Gauge	Cat. No.	Each
12	24	42-2454	2.19

Phono Plug-to-Plug Cables

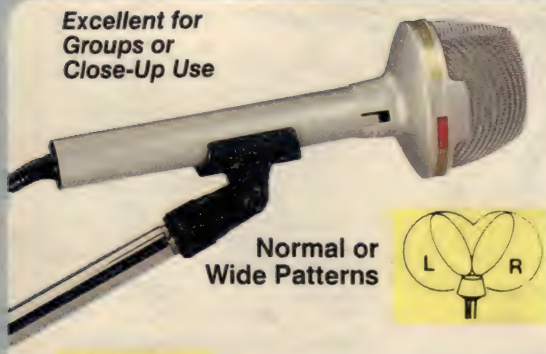
Low As 2.69

Put Speakers Anywhere! Phono Plugs at Each End for Easy Hookup



Length	Color	Gauge	Cat. No.	Each
50'	Brown	18	42-2480	8.49
24'	Brown	18	42-2478	4.69
12'	Brown	18	42-2479	3.69
24'	Gray	24	42-2392	3.19
24'	White	24	42-2430	3.19
12'	Gray	24	42-2445	2.69
12'	White	24	42-2431	2.69

Realistic Microphones for Stage, Studio and Home



Versatile Stereo Microphones Simplify Recording—Two Elements in One Housing for Easy Positioning

Deluxe One-Point Electret Condenser

39.95

Two sensitive electret elements in a "crossed-cardioid" pattern and a special matrix circuit let you select "normal" pattern, or "wide" mode to enhance stereo image with larger groups. 30 to 15,000 Hz response. Wire mesh screen cuts wind noise and breath "pops". On/off switch. 10 ft. cord with two ¼" phone plugs. Includes vinyl case, stand adapter. Requires "AA" battery. **33-919** **39.95**

Dual Heads—Ideal for Portable Recorders

19.95

An inexpensive way to make stereo recordings without using two separate microphones. Each cardioid pattern electret condenser head adjusts up to 90° for optimum stereo separation—ideal when recording large musical groups or conferences. Built-in table-top stand. 50 to 15,000 Hz response. 6½-ft. cord has two ⅛" mini plugs for use with most portable stereo cassette recorders. With two foam windscreens. Requires "AA" battery. **33-1065** **19.95**

Professional-Quality Mikes for Recording and Sound Reinforcement

Ⓐ **49.95**

Ⓑ **49.95**

Ⓒ **39.95**

NEW LOW Ⓓ PRICE! **24.95**
Was $29.95 in 1982 Catalog

Ⓔ NEW FOR '83 **29.95**
Available Oct. 30, 1982

NEW LOW Ⓕ PRICE! **19.95**
Was $21.95 in 1982 Catalog

Cardioid Electret Condenser

Ⓐ Ideal for critical recordings! 20 to 20,000 Hz ± 4 dB response. Features superthin 4-micron diaphragm and "back-electret" design. Low-frequency contour switch helps control "proximity" effect for close-up use. Balanced low-impedance (XLR) capability. Includes foam windscreen, 16-ft. cable with ¼" plug, vinyl case, stand adapter. Requires "AA" battery. **33-1080** **49.95**

Dynamic With Unidirectional Pattern

Ⓑ Realistic Highball. Great for PA and hand-held vocal use. 80 to 15,000 Hz response. On/off switch. Selectable high/low impedance—works with tube-type or solid-state equipment. Balanced low-Z (XLR) capability. Includes 16-ft. cable with ¼" plug, vinyl case, stand adapter. **33-984** **49.95**

Super-Omnidirectional Dynamic

Ⓒ Flat 40 to 17,000 Hz response—perfect for music or hand-held vocals. Rugged metal body. Built-in windscreen, rubber shock ring. Low-Z (XLR) capability. 16-ft. cable with ¼" plug, case, stand adapter. **33-1070** . . **39.95**

Super-Cardioid Dynamic

Ⓓ Excellent for PA or recording. Tight directional pattern minimizes feedback. Built-in windscreen. 80 to 15,000 Hz. All-metal body. On/off switch. 600 ohms. 6-ft. cable with ¼" plug, stand adapter. **33-992B** **24.95**

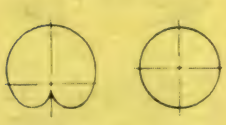
Dynamic Cardioid With "Pop" Filter

Ⓔ Special wire-mesh grille cuts wind noise—perfect for vocal and outdoor use. Heavy-duty die-cast body, on/off switch. 50-15,000 Hz. Balanced low-Z capability. 12-ft. cable, ¼" plug, stand adapter. **33-1071** **29.95**

All-Purpose Omnidirectional Dynamic

Ⓕ Realistic Highball-2. 50-13,000 Hz. Wire-mesh windscreen with internal filter reduces "pops." Chromed body. On/off switch. 600 ohms. 6-ft. cable, ¼" plug, stand adapter. **33-985C** **19.95**

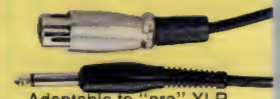
Pattern Choice



Cardioid or Unidirectional. Pickup pattern helps reduce background noise and feedback.

Omnidirectional. Wide pickup pattern, equal response from all directions.

2-Way Use!



Adaptable to "pro" XLR 3-wire balanced low-Z output, or use ¼" plug as supplied. 33-1080, 33-984, 33-1070, 33-1071.

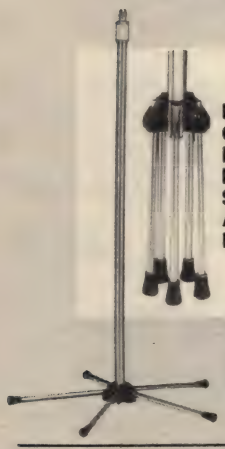
Acoustic Foam Windscreen

Fits most microphones. Stops wind and breath "pop." **33-373** **1.49**

SEE RADIO SHACK'S COMPLETE LINE OF PUBLIC ADDRESS EQUIPMENT AND ACCESSORIES—PAGES 56-60

Mikes and Accessories to Help You Sound Your Best

Folding Mike Stand



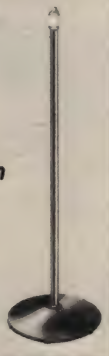
21.95

Five Chromed Legs Provide a Stable Base, And Fold For Storage

- ***Ideal for Portable PA, Recording***
- ***Protective Rubber Feet***

Positive-action clutch adjusts instantly from 32" to 57". Standard 5/8"-27 thread. **33-325** **21.95**

Cast Base Mike Stand



17.95

- ***Polished Chromed-Steel Tubes***
- ***Easy-to-Adjust "Sure-Grip" Clutch***

Attractive, durable stand adjusts quickly from 34" to 64". Low-profile black cast-iron base has protective rubber feet. Standard 5/8"-27 thread. **33-320** **17.95**

31-Inch Mike Boom Adapter

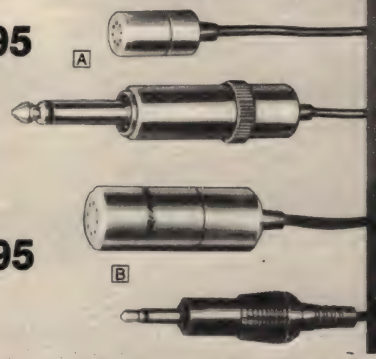
12.95

Chromed Tube With Built-In Counterweight

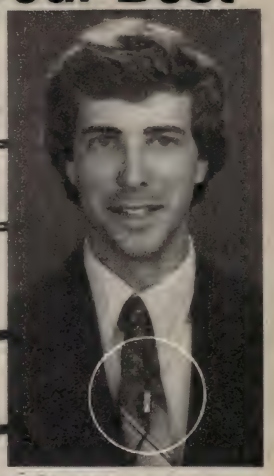
Heavy-duty swivel. Tube length and angle adjust independently. Standard 5/8"-27 thread — attaches to any floor stand. **33-344A** . . . **12.95**

Electret Tie-Clip Microphones For "Hands-Free" Recording and PA

19.95



9.95



Ultra-Mini Size With Clip and Pin

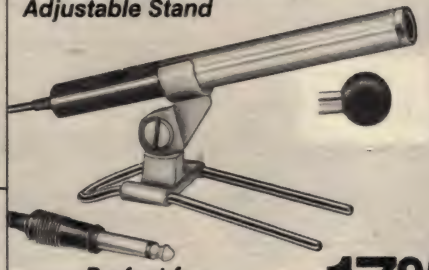
A **Omnidirectional.** 30 to 12,000 Hz, 600 ohms. Includes 10-ft. cord, 1/4" plug, 1/8" mini-plug adapter, long-life mercury battery. **33-1056** **19.95**

Low-Cost Tie-Clip Microphone

B Fastens to tie or lapel. 30 to 12,000 Hz, 600 ohms. 6-ft. cord with 1/8" mini-plug. With long-life mercury battery. **33-1058** **9.95**

Lightweight Electret Omni

Includes Windscreen and Adjustable Stand



Perfect for Hi-Fi Recording

17.95

Less than three ounces, yet provides outstanding sound quality with music or speech. 20 to 13,000 Hz response. 600 ohms. On/off switch. 9-ft. cable, 1/4" plug. With battery. **33-1050** **17.95**

For Hand, Table or Lavalier

Ideal for PA/Taping

15.95

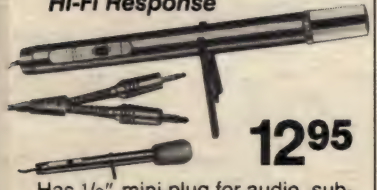
With Neck Cord and Desk Stand

Realistic MC-1000. This slim omnidirectional dynamic mike is great for many uses. 150 to 10,000 Hz response. High (10,000 ohms) impedance. With 6 ft. cable, 1/4" phone plug. **33-990** **15.95**

Replacement Mikes With Remote Control for Portable Tape Recorders

Electret Condenser Omnidirectional

Hi-Fi Response



12.95

Has 1/8" mini-plug for audio, submini plug for remote on/off control of recorder. 20 to 13,000 Hz. With stand and windscreen. Requires "AAA" battery. **33-1060** **12.95**

Dynamic Omni

12.95

For Hand or Tabletop Use

Mini-plug for audio, submini for remote on/off. 100 to 11,000 Hz response. Low impedance. Includes 6 1/2-ft. cord, desk stand. **33-1040** **12.95**

"Pencil" Dynamic

Easy to Handle

6.99

150 to 10,000 Hz response. Mini-plug for mike, submini plug for remote control jack on recorders. With desk stand, 6-ft. cord. **33-1034** **6.99**

Low-Cost Dynamic

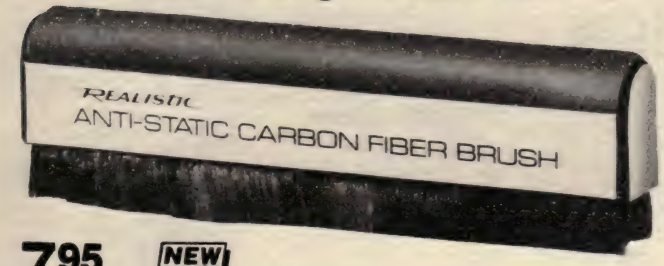
Replaces Lost Cassette Mikes

4.99

Dynamic sound quality at the price of a crystal mike. Wide response. Mini-plug for mike, submini plug for remote control. Slip-on stand. **33-1054** **4.99**

Take Care! Handy Aids to Clean and Protect Your LPs

Anti-Static Carbon Fiber Record Brush Prolongs Record Life



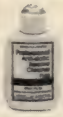
7.95 NEW FOR '83

Velvet-covered handle removes surface dust the professional way—over one million static-cutting fibers deep-clean your discs.
42-112 . . . . . **7.95**

Hydro-Stor Record Care System Protects Your LP Collection

9.95

Exclusive fluid storage and distribution medium

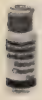


With Liquid

Vapor penetrates velvet-surfaced cleaner, creates field of humidity that reduces static charges. **42-102** **9.95**

Hydro-Stor Cylinder

4.95



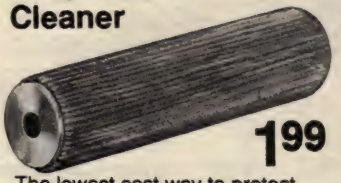
Velvet-covered cleaner protects records and stylus. Includes fluid.
42-101 . . . . . **4.95**

Wet-Or-Dry Cleaner

2.99

Velvet-covered ionizer/cleaner removes dust and dirt, fights static.
42-130 . . . . . **2.99**

Easy-to-Use Cleaner



1.99

The lowest cost way to protect and prolong record and stylus life.
42-135 . . . . . **1.99**

Anti-Static Fluid

1.99

Controlled-Flow Tip

Cleans records and styli. Usable with all fine cleaners. 4 oz.
42-105 . . . . . **1.99**

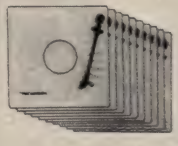
40-LP Record Rack

3.59

Get Organized

Store and protect records.
42-136 . . . . . **3.59**

Record Sleeves



2.39

Pack of 10

Vinyl lined. Fit all LPs.
42-132 . . . . . **2.39**

Turntable Mat

New Low Price 3.95

Was $5.19 In 1982 Cat.
• ***Carbon Foam***
• ***Anti-Static***

Cuts "crackle and pop."
42-362 . . . . . **3.95**

Low-Cost LP Spray Cleaner

1.39

With Cloth

Spray away record noise and wear. **42-2500** . . **1.39**

Record & Stylus Cleaning Kit

2.49

Has fluid, applicator and stylus brush. **42-1085** **2.49**

Deluxe Stylus Force Gauge

Prevents Damage **2.49**

Use to set tracking force.
42-137 . . . . . **2.49**

Stylus "Micro" Scope

1.99

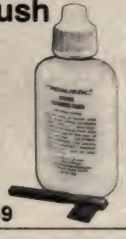
GOOD!

BAD!

Check your stylus for wear.
42-2756 . . . . . **1.99**

Stylus Cleaner And Brush

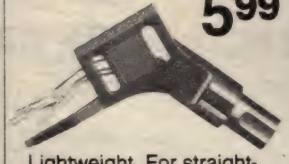
1.59



Removes harmful particles from stylus.
42-1074 . . **1.59**

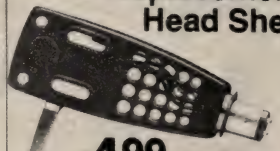
Carbon Fiber Head Shell

5.99



Lightweight. For straight-line arms. **42-2699** . . **5.99**

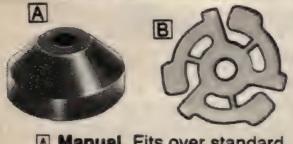
Replacement Head Shell



4.99 ***Low Mass***

Fits most S-shaped tonearms. **42-2752** **4.99**

45-RPM Adapters



A Manual. Fits over standard spindle. **42-120** . . . . . **49¢**

B Automatic. Snap into disc for playing on changers.
42-103 . . . . . **40/1.09**

45-RPM Auto Spindle

1.79

Fits most std. Realistic and BSR changers.
42-3000 . . **1.79**

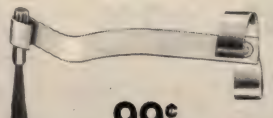
Foam Phono Cushions

Low As 99¢

10" and 12" Sizes

10". 42-360 . . . . . **99¢**
12". 42-361 . . . . . **1.39**

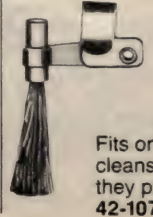
Brush/Arm Lift



99¢

Cleans as record plays. Also provides fingertip arm lift. **42-1072** . . . . . **99¢**

Clip-On Disc Brush



79¢

Fits onto tonearm, cleans records as they play.
42-1073 . . . . . **79¢**

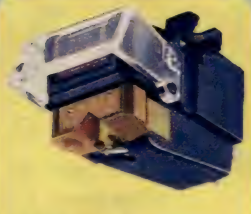
NOW OVER 6300 RADIO SHACK STORES AND DEALERS IN THE USA ALONE—WE'RE NEAR YOU

Step Up to Realistic/Shure Diamond Magnetic Stereo Cartridges

Discover the Accuracy of Realistic/Shure RXT4

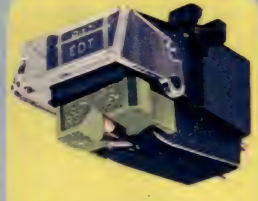
49.95

Our best in every way! Its dynamic stabilizer with viscous damping assures outstanding sound, even on warped records, with any turntable capable of tracking at 1½ grams or less. Telescoping stylus for unmatched trackability at an ultra-light ¾-1½ grams—even on the new super discs. Lowest distortion elliptical stylus (5 × 18 microns). Super-flat frequency response: 20-20,000 Hz. Wide stereo separation: at least 25 dB at 1 kHz. Carbon fibers neutralize static charges. Side-Guard automatically deflects stylus to prevent damage. With easy-mount installation kit, screwdriver and stylus cleaning brush. Upgrade the sound of your system with this high-quality cartridge! **42-2773** **49.95**



Hi-Value Hi-Fi! Realistic/Shure R25EDT

Elliptical diamond stylus for lower distortion (10 × 18 microns). 20-20,000 Hz response. Tracks at 2-4 grams.
42-2767 . . . . . **19.95**



Wide Dynamic Range! Realistic/Shure R47EDT

Features of R25EDT, plus high trackability down to 1½ grams. 20 dB channel separation. Elliptical diamond.
42-2761 . . . . . **29.95**

Ultra-Light Tracking! Realistic/Shure R1000EDT

Smooth 20-20,000 Hz response for high-definition. Tracks at only ¾-1½ grams. Elliptical diamond stylus.
42-2769 . . . . . **39.95**

Genuine Elliptical Diamond Replacement Styli for Realistic/Shure Cartridges

RS3T Elliptical Stylus. Replaces R25, Shure M71, M75-ECS series.
42-2768 . **14.95**

RS5T Elliptical Stylus. Replaces R47, Shure M70, M75 series.
42-2762 . **19.95**

RS8T Elliptical Stylus. For R1000, Shure M90, M75 T-2 series.
42-2770 . **27.95**

RS6E Elliptical Stylus. Replaces R27, Shure M73/75E series.
42-2764 . **24.95**

Low-Cost Realistic/ADC Cartridge

QLM30 MK III

12.95

Diamond conical stylus with 20-18,000 Hz response. Tracks 3-5 grams. With easy-mount adapter.
42-2772 . . . . . **12.95**

RSK8C—Diamond

9.95

For QLM30 and ADC K Series. Conical.
42-2771 . . **9.95**

RS50E—Elliptical

19.95

For ADC QLM34, MK III, P32, K5E.
42-2759 . . . **19.95**

ATN-771E Elliptical Stylus

9.95 NEW FOR '83

For Audio-Technica models AT-70, AT-71, AT-71E. Tracks 1½-2½ grams. **42-2774** **9.95**

DAT-2—Diamond

For Pickering V15/AT-2, V15/AT-1, V15/ATM, KLH, similar systems. Conical.
42-2484 . . . **10.95**

DATE-4—Diamond

For Pickering V15/AC, V15/AT, ATE, AM, ATE-4, P/AC, P/AT, P/ATE, most Fisher and Garrard. Elliptical.
42-2485 . . . **18.95**

Protect Your Records—Popular Diamond Replacement Styli

3.99 Each

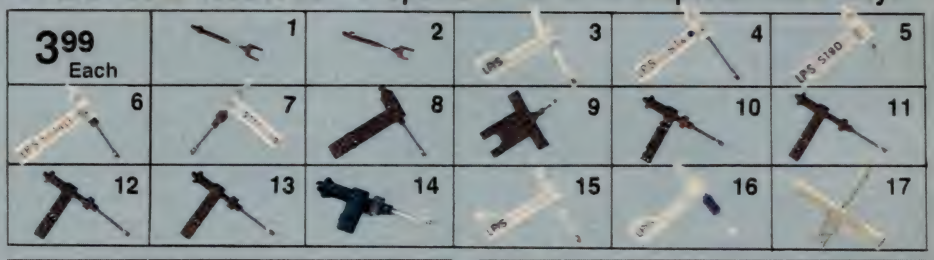


Fig.	Cat.No.	Model	Cartridge or Stylus No.
		ASTATIC	
1	42-2813	R-3	314, 420, 422, 424,426
2	42-2817	RS-25	70, 74, 76, 80, 86 Stereo
3	42-2804	RS-67	140, 142 Stereo
		BSR	
4	42-2810	RS-81	ST-3, 4, 5, 6, X3H, JX-1H, SX-2H, C1
5	42-2828	RS-110	ST-8, ST-9, ST-10, SX5H, SC5H
6	42-2891	RS-152	SC5M, SX5M, ST-12, ST-14, ST-15, ST-22
7	42-2892	RS-166	SC7M, SC8M, ST-16, ST-17, ST-21
		ELECTRO-VOICE	
8	42-2890	RS-109	168, 198, 199, 275, 277
		GENERAL ELECTRIC	
9	42-2899	RS-161	C-660

Fig.	Cat.No.	Model	Cartridge or Stylus No.
		TETRAD	
10	42-2802	RS-98	51D, 52D, 53D, 54D, 61D, 62D, 63D, 64D, A-1, A-2, A-3, B-1, B-2, B-3, B-4, T5HD, T5OHD
11	42-2889	RS-91	10D, 11D, 12D, 13D, 14D, 71D, 72D, 73D, 74D, 80D, G-1, G-2, G-3, T1LD
12	42-2840	RS-93	30D, 31D, 32D, 33D, 34D, 90D, 91D, 93D, E-1, E-2, E-3, T2MD, T20MD
13	42-2841	RS-127	40D, 41D, 42D, 43D, 44D, 20D, 21D, 22D, 23D, 24D, C-0/1/2/3, T3/30MD
14	42-2901	RS-204	T50HD NEW FOR '83
		VARCO	
15	42-2805	RS-100	CN60, 65, 68, 70, 72, 75
16	42-2839	RS-141	TN4A, TN4B
		ASTATIC	
17	42-2900	RS-120	N-50/51/56/58/62/63/68 70/72/76

Sapphire Kiddie Needles

Pkg. of 2 **2.29** 42-2750

Discover the Exciting Sound of Headphone Stereo

- 10-22,000 Hz
- Low Distortion

49.95

- 20-20,000 Hz
- Volume/Balance Controls

31.95

- 30-18,000 Hz
- Large Elements Deliver Solid Bass

24.95

- 50-15,000 Hz
- Glide-Path® Controls

19.95

High Efficiency

14.95

ALL HEADPHONES ABOVE INCLUDE 1/4" PLUG AND ARE DESIGNED FOR LOW-IMPEDANCE USE

A **Realistic PRO-IIA.** You'll get sensational stereo from special Mylar diaphragm drivers for a frequency response that's a full two octaves beyond the range of ordinary headphones. Effective cone radiating area is over 12 square inches—you hear the highest highs, lowest lows with sparkling clarity. Air-filled earcushions, heavily padded, adjustable headband for extra comfort. 10-ft. coiled cord. **33-996** **49.95**

B **Realistic Nova-PRO.** Great stereo sound at your fingertips! Dual controls let you adjust the volume and balance just the way you like it—without leaving your chair. Rugged vinyl drivers handle high volume levels with ease. Comfortable foam-filled earcushions and padded, adjustable headband. 10-ft. coiled cord. **33-1014** **31.95**

C **Realistic Nova-40.** 3½" drivers deliver full-range sound from deep, pleasing bass to soaring highs. Oversize cushioned earcups, padded, adjustable headband for real comfort. 10 ft. coiled cord. **33-993** **24.95**

D **Realistic Nova-16.** Lightweight for hours of listening pleasure, and you can easily adjust the left and right volume levels and balance. Adjustable foam-padded headband and air-cushion earpads. 6½ ft. cord. **33-1019** **19.95**

E **Realistic Nova-10.** Enjoy private stereo with one of our lowest priced headphones! The 2" drivers provide full bass, and the adjustable headband and cushioned earpads give a natural, airtight fit for listening in comfort. 6½ ft. cord. **33-1012** **14.95**

Add Convenience to Your Listening With Headphone Accessories

Coiled 24-Ft. Extension

7.99

Lets you move about freely. Heavy-duty cable with 1/4" stereo plug and inline jack. **42-2443** **7.99**

20-Ft. Adapter/Extension

5.99 NEW FOR '83

Connects 1/8" stereo mini jack to 1/4" stereo plug. Ideal for home use of personal lightweight headphones. **42-2460** **5.99**

1/8" Jack Adapter

2.59

Adapts 1/4" stereo headphone plug to 1/8" stereo mini-jack (on new generation of stereo miniportables). **274-366** . **2.59**

1/4" Jack Adapter

2.39

Adapts 1/8" stereo headphone mini-plug to 1/4" stereo phone jack. **274-367** **2.39**

20-Ft. Headphone Extension

5.99

You can easily listen anywhere in the room. Non-coiled flexible cable with 1/4" stereo plug and inline jack. **42-2442** **5.69**

3-Ft. Headphone Y-Adapter

4.99

Share your stereo listening enjoyment with another music lover! Connect two headphones to a single 1/4" stereo phone jack. **42-2448** **4.99**

Mini Stereo Y-Adapter

2.99

Adapts two 1/8" stereo headphone plugs to one 1/8" stereo plug so you can use two headphones at once. **274-313** **2.99**

Headphone Coupler

2.99

Add-A-Jack

Enjoy stereo headset listening with equipment having no headphone jack—attaches to speaker terminals. **33-1009** **2.99**

NOW OVER 6300 RADIO SHACK STORES AND DEALERS IN THE USA ALONE—WE'RE NEAR YOU

Lightweight Stereo Listening for Home or On-the-Go

Our Finest Headphones

54.95

- *15-30,000 Hz Response*
- *Low distortion—Less Than 0.5% THD*
- *Weigh Less Than Eight Ounces*

Realistic PRO-60. Variable-density earcushions fit around the ear. Feature an "acoustic resistance" for solid bass response with open, transparent midrange and treble. 10-ft. coiled cord. ¼" plug. **33-999** **54.95**

"High-Velocity" Phones For "Up-Front" Sound

41.95

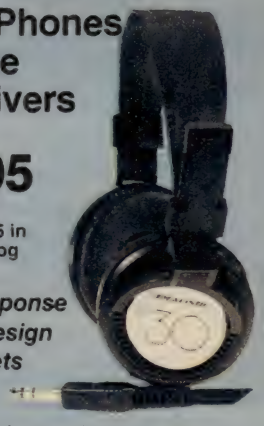
- *20-20,000 Hz*
- *Soft-Foam Earcushions*
- *Weigh Under 10 Oz.*

Realistic LV-10. Unique electro-acoustical design and 2" dynamic elements deliver all the punch of a "live" rock concert with low distortion. 10-ft. lightweight coiled cord. ¼" plug. **33-1004** **41.95**

Low-Profile Phones Feature Planar Drivers

NEW LOW PRICE **34.95**

Was $39.95 in 1982 Catalog

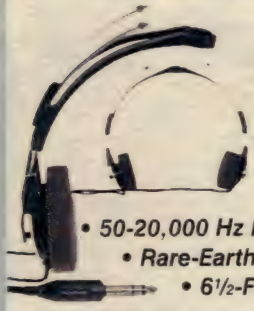


- *20-20,000 Hz Response*
- *Uniform Phase Design*
- *Rare-Earth Magnets*

Realistic PRO-30. Try 'em on for great stereo! Low-mass drivers provide excellent transient response—you hear the music exactly as it is, without coloration. 10-ft. lightweight coiled cord. ¼" plug. **33-995** **34.95**

Handy "Fold-Up" Micro-Headphones

NEW FOR '83



21.95

- *50-20,000 Hz Response*
- *Rare-Earth Magnets*
- *6½-Foot Cord*

Realistic Nova 51. Ideal for portable stereos! ¼ plug. Only 3 oz. **33-978** **21.95**

Realistic Nova 52. As above, but with ⅛" plug. Only 2.5 oz. **33-979** **21.95**

Lightweight Micro-Headphones

NEW LOW PRICE **19.95**

Was $21.95 in 1982 Catalog

Weigh Less Than 2.8 Oz.

Realistic Nova-50. Rare-earth magnets, efficient Mylar drivers. 50-20,000 Hz. ¼" plug. Foam earcushions. 6½-ft. cord. **33-998** **19.95**

Budget-Priced Micro-Headphones

NEW FOR '83

14.95

- *50-20,000 Hz Frequency Response*
- *Weigh Less Than 3 Oz.*

Realistic Nova-35. Fits many stereo players—ideal as a second set. Foam earpads, adjustable headband. 5-ft. cord, ⅛" plug. **33-1035** **14.95**

Micro-in-Ear Stereo Earphones

12.95 NEW FOR '83

Avail. Oct. 30, 1982

Slips into Outer ear

ACTUAL SIZE

- *0.6 Ounce*
- *50-20,000 Hz*

Our lightest! Great-sounding phones fit inside ear—no headband. Foam cushions, 4-ft. cord, ⅛" plug. With carry pouch. **33-977** **12.95**

Earphones and Accessories for Special-Listening Applications

Compact Pillow Speaker

2.99

Listen while resting without bothering others. ⅛" mini plug fits most clock radios and portables. **33-206** **2.99**

Deluxe Pillow Speaker

4.99

Built-in volume control

Slips under pillow for "private" listening. ⅛" mini plug fits earphone jack of most clock radios and cassette portables. **33-207** ... **4.99**

Stereo/Mono Headset

NEW LOW PRICE **9.95**

Was $10.95 in 1982 Catalog

- *Stereo/Mono Switch*
- *Dynamic Elements*

Lightweight under-chin design. Ideal for dictation or music. Works with stereo or mono ¼" jack. 8 ohms. **33-196** **9.95**

Earphones & Extension

A **1.49** A Fits most portable radios and recorders.
3/32" Plug. **33-174** **1.49**
⅛" Plug. **33-175** **1.49**

B **1.99** B **20-Ft. Extension.** ⅛" jack and plug fit most transistor radios, cassettes. **33-176** **1.99**

Nova-Fone® Earphone

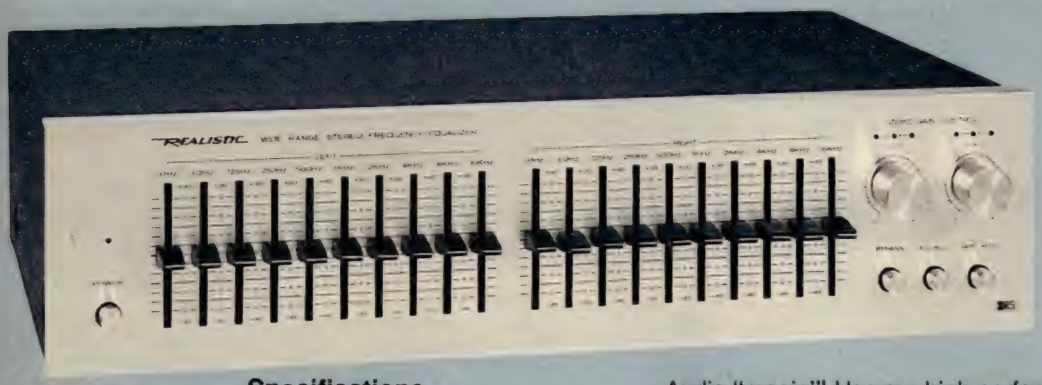
6.99

- *Comfortable*
- *Wide Response*

A speaker that completely covers your ear—you hear full-range sound. ⅛" plug fits many portables. 8 ohms. **33-1036** **6.99**

SEE OUR COMPLETE SELECTION OF HEADPHONE PLUG ADAPTERS ON PAGE 125

Enhance Your Music System With Realistic Accessories



10-Band, Wide-Range Frequency Equalizer

NEW LOW PRICE!

Was $179.95 in 1982 Catalog **159.95**

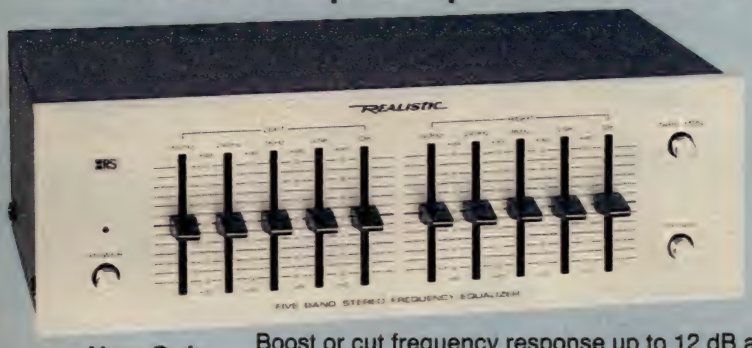
Zero-Gain Level Controls With Six LED Indicators for Easy, Exact Level-Matching

Specifications

Frequency Bands (Each Channel): 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000 and 16,000 Hz. **Frequency Response (Flat Setting):** 5 to 50,000 Hz ±0.5 dB, −1.0 dB. **Tone Control Range:** ±12 dB. **Harmonic Distortion:** 0.02% at 0.775-volt output. **Hum and Noise:** −80 dB (0.775-volt output). **Size:** 4½ × 16½ × 10¼".

Audio "magic"! Use our high-performance graphic equalizer to tailor the response of your stereo system to match the acoustics of any room . . . highlight a vocalist . . . add "punch" to certain instruments . . . even minimize tape hiss, record scratches and turntable rumble! Features twenty boost/cut slide controls with detented flat positions. EQ record switch, tape monitor and tape in-out jacks, bypass button. U.L. listed. **31-2000** **159.95**

Five-Band Graphic Equalizer—A Great Value



NEW LOW PRICE!

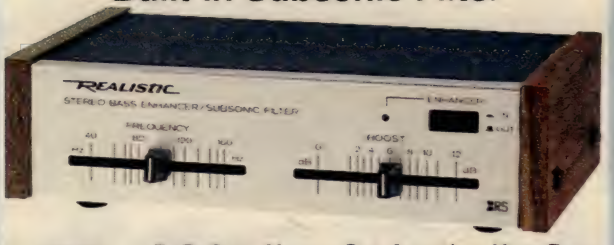
Now Only

69.95

Was $79.95 in 1982 Catalog

Boost or cut frequency response up to 12 dB at bands centered at 60, 240, 1000, 3500 and 10,000 Hz. It's like adding ten tone controls! Features tape monitor button, tape in/out jacks, ten precision slide controls with center detents, bypass button for instant comparison to original sound. Black metal case, brushed aluminum front. 4¼ × 10¼ × 6". U.L. listed. **31-1988** **69.95**

Stereo Bass Enhancer With Built-In Subsonic Filter



NEW FOR '83 **49.95** ***Now—Get Amazing New Bass Response From Your Speakers***

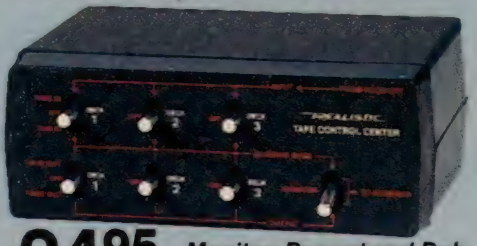
Increases deep bass response up to 12 dB and effectively reduces power-robbing subsonic distortion below 20 Hz. Makes small speakers sound like big ones! Continuously variable center-frequency control: 40-160 Hz. 2⅛ × 7⅛ × 5¼". U.L. listed.
42-2106 . . . . . **49.95**

LED Audio Power Meter

49.95 ***Helps You Prevent Damage to Speakers***

Realistic APM-300. Monitors peak or rms power output being delivered to your speakers with a fast-response 19-LED display. 0 to 2-watt and 0 to 200-watt ranges. For eight or four-ohm systems. Low-profile metal case. 1 7/16 × 8¾ × 5 15/16". U.L. listed.
42-2104 . . . . . **49.95**

Stereo Tape Control Center

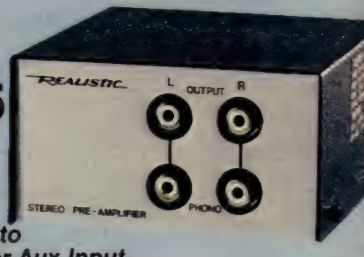


24.95 ***Monitor, Record and Dub With Up to 3 Tape Decks***

Adds convenience to expanded stereo systems, eliminates patchcord "swapping"! Can also be used to switch equalizers, noise reduction systems, time delay devices and more. Connects to system's tape monitor jacks. Molded case.
2¼ × 6¼ × 4¾". **42-2105** **24.95**

Magnetic Cartridge Preamp

19.95



Matches Magnetic Cartridge to Ceramic or Aux Input

Lets you enjoy the superior performance of a magnetic cartridge with amplifiers having only ceramic phono or aux inputs. Wide stereo separation, low distortion, accurate RIAA equalization. Metal case.
2 × 3⅜ × 4⅘". U.L. listed.
42-2101 . . . . . **19.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Presenting the Ultimate Musical Instrument

The Realistic/Moog* Polyphonic Synthesizer Puts a Universe of Sound at Your Fingertips!

Only 499.95

Loaded With Professional Features—Ideal For Performance, Composing, Rehearsing As Well as Personal Enjoyment at Home

Elton John

Shown With the Realistic MG-1 Synthesizer

Realistic MG-1 Synthesizer by Moog. An advanced, totally electronic instrument at a breakthrough low price. Designed to give any band the powerful sounds of today's music—yet even beginners will be amazed by the incredible variety of sounds it can produce! Polyphonic capabilities let you play chords (two or more notes at a time) like an organ. It can even sound like an organ. You can recreate the sound of virtually any instrument as well as special effects like helicopters, storms, "arcade" sounds and more. The MG-1 is like having a symphony orchestra and a sound effects studio on a table!

Control panel is divided into related sections and is color-coded for easy use. Two independent tone sources give the MG-1 a "fat" sound that makes it a sensational lead instrument. Includes an easy-to-read teaching manual that can have you "synthesizing" like a pro in no time.

Play the revolutionary MG-1 through a stereo system, a standard musical instrument amplifier or plug-in headphones for practice and private listening. Nowhere else will you find a synthesizer with these features priced so low! U.L. listed. **42-4000** **499.95**

Controls. Master Volume. Mixer: Tone 1, Tone 2, Noise, Bell Tone, Polyphony. **Filter:** Keyboard Tracking (Out, ½, Full), Cutoff Frequency, Peak Emphasis, Contoured Cutoff. **Contour:** Sustain Out/In, Contured/Keyed/Cont. Source, Rise Time, Fall Time. **Tone Source 1:** Sync 2-1 Selector, 3-Position Octave Selector, 2-Pos. Wave Shape Sel. **Tone Source 2:** Detune, 3-Pos. Octave Sel., 2-Pos. Wave Shape Sel. **Modulation:** Tone Sources, Filter, Keyboard Glide, Modulation Rate, 3-Pos. Wave Shape Sel. with Random, 2-Pos. Auto Contour Trigger. **Tuning:** Tone Sources and Polyphony. **External Connections:** Headphone jack, phono-type output jacks, aux input. **Size:** 5×20½×12". *Trademark of Norlin Industries

Radio Shack Introduces the Musical Instrument Anyone Can Play!

NEW FOR '83 **69.95**

- ***Built-In 100-Note Memory With One-Key Automatic Playback***
- ***5 Preset Voices • 10 Rhythms***
- ***Built-In 8-Digit Calculator***

Realistic Concertmate-200. A technological triumph! Now anyone can make great-sounding music without years of training and practice. With *one finger* you can create a melody, play it back, change notes and tempo until it's perfect, even add a rhythm accompaniment. The ADSR mode (variable sound creation) lets you explore the almost unlimited sounds this amazing instrument provides—over 80 million combinations! And, you can easily repeat the sounds you create. Musical characteristics—Attack, Decay, Sustain, Release, Tempo and Pitch— are presented numerically on the large liquid crystal display. Plays through its built-in speaker or external amplifier. **42-4001** **69.95**

Keyboard: 29 keys (monophonic). **Preset Sounds:** Piano, Fantasy, Violin, Flute and Guitar. **Built-In Rhythms:** March, Waltz, Rock 1, Rock 2, 4-Beat, Swing, Bossa Nova, Samba, Rhumba and Beguine. **Pitch Control:** ± ½ tone. **Octave Shift:** Three Levels. **Power Requirement:** Four "AA" batteries or AC adapter (not incl.). **Size:** 1⅛×11¾×3".

Portable—Enjoy it Anywhere!

CONVENIENT CHARGE AND TIME-PAY PLANS ARE AVAILABLE AT MOST RADIO SHACK LOCATIONS

Realistic® PA Amplifiers for Every Application

Professional 80-Watt Sound Reinforcement Amp

199.95

- *Power Meter Monitors Output Level*
- *In/Out Jacks for Equalizer, Reverb*
- *Cue/Monitor Selector for Headphones*
- *Mix Bus Jack to Stack Extra Amps*
- *Spring-Loaded Speaker Terminals*
- *Convenient Cord Storage Posts*

¼" Mike Jacks and XLR-Type Connectors for "Pro" Mikes

Realistic MPA-80. The power and portability you want in a professional PA amplifier! Great for "live" bands—with plenty of power to fill large auditoriums. Four hi/lo-impedance mike inputs and an aux input with Glide-Path® level controls for each. Two magnetic phono inputs let you mix and fade two turntables. Monitor selector lets you listen through headphones to each individual input or overall mix—makes cuing easy. Master volume has memory ring to aid in resetting level. Lighted power meter and LED clipping indicator help avoid distortion. Overload protected. U.L. listed. **32-2026** **199.95**

Frequency Response: 30-20,000 Hz. **Power:** 80 watts rms at 4 ohms. **Outputs:** mix bus, EQ in/out, quick-connect terminals, two ¼" jacks for 4 to 16-ohm speakers, ¼" headphone jack. **Power Requirement:** 120VAC, 60 Hz, 200W. **SIZE:** 4⅜ × 14½ × 10½".

Compact 35-Watt PA Amplifier Features Remote Priority Override

Available Oct. 30, 1982

NEW FOR '83 **99.95**

- *Perfect for Medium-Size Auditoriums, Churches, Paging and Background Music*
- *70-Volt Output For Multi-Speaker Systems*

Realistic MPA-35A. Ideal for many PA applications—superb sound at low cost! Three mixable Glide-Path controls for Mike-1, Mike-2 and phono/aux. Built-in preamp for magnetic-cartridge phono. Has remote control terminals for Mike-1 override of other inputs during paging. Master volume control with memory ring, tone control, on/off pushbutton and LED power-on indicator. Metal case. U.L. listed. **32-2027** **99.95**

Frequency Response: 150-12,000 Hz. **Power:** 35 watts rms at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers, 70V line, two screw terminals for remote priority switching. **Power Requirement:** 120VAC, 60 Hz, 120W. **SIZE:** 4½ × 10½ × 7½".

20-Watt PA Amplifier Operates From 120VAC or 12VDC for Mobile Use

79.95

- *Accepts Either Hi or Lo-Z Mikes*
- *High-Level Phono/Aux Inputs*

Realistic MPA-20A. Great versatility—use it anywhere! Three mixing controls: two mikes and dual-function phono/aux. Master volume and tone controls, pushbutton on/off switch, LED power indicator. Metal case. Includes mobile mounting bracket, 12VDC power cord with cigarette lighter plug. U.L. listed. **32-2020** **79.95**

Frequency Response: 150-20,000 Hz. **Power:** 20 watts rms at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers and 70V line. **Power Requirements:** 120VAC, 60 Hz, 40W. 12VDC neg. gnd., 3.5A. **SIZE:** 4½ × 10½ × 7½".

Save on PA Systems for Indoor or Outdoor Use

"Singers' Choice"

Save $112.35

Reg. Separate Items 991.35

879.00

- *Realistic MPA-80 PA Amplifier*
- *Four Highball Unidirectional Microphones*
- *Four Cast-Base Mike Stands*
- *Four PA-99 Portable Column Speakers*

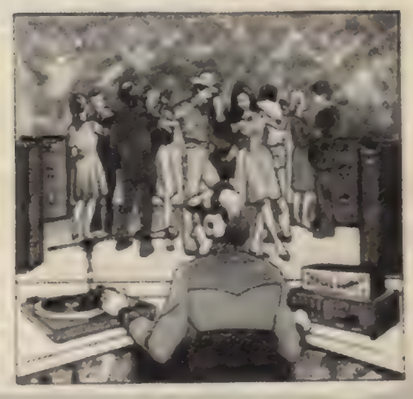
Portable 80-Watt "Disc Jockey" Music System

Save $133.40

Reg. Separate Items 1182.40

1049.00

- *Realistic MPA-80 PA Amplifier*
- *Highball Unidirectional Microphone*
- *Cast-Base Microphone Stand*
- *31" Microphone Boom Adapter*
- *Two LAB-290 Belt-Drive Turntables*
- *Five-Band Graphic Equalizer*
- *Nova®-PRO Stereo Headphones*
- *Four PA-99 Portable Column Speakers*



80-Watt Two-Microphone "Club System"

Save $56.65

Reg. Separate Items 595.65

539.00

- *Realistic MPA-80 PA Amplifier*
- *Two Highball Unidirectional Microphones*
- *Two Cast-Base Mike Stands*
- *Two PA-99 Portable Column Speakers*

"Toastmaster's" Special System

Save $42.75

Reg. Separate Items 431.75

389.00

- *MPA-80 PA Amplifier*
- *Highball Mike • Mike Stand*
- *Two PA-88 Portable Column Speakers*

Portable System

Save $32.75

Reg. Separate Items 311.75

279.00

- *MPA-35A PA Amplifier*
- *Cardioid Dynamic Mike*
- *Folding Microphone Stand*
- *Two PA-99 Column Speakers*

Deluxe Paging System

Save $26.59

Reg. Separate Items 275.59

249.00

- *MPA-35A PA Amplifier*
- *Highball-2 Omnidirectional Microphone*
- *Cast-Base Desk Mike Stand*
- *Six Minimus®-6 Speakers*

Sports Announcer PA

Save $25.70

- *MPA-35A PA Amplifier*
- *Super-Cardioid Microphone*
- *Four 8" Powerhorn® Speakers*

Reg. Separate Items 244.70

219.00

"Anywhere" System

Save $22.80

Reg. Separate Items 211.80

189.00

- *MPA-20A PA Amplifier*
- *Cardioid Dynamic Mike*
- *Folding Mike Stand*
- *PA-88 Column Speaker*

Low-Cost Paging

Save $16.69

Reg. Separate Items 165.69

149.00

- *MPA-20A PA Amplifer*
- *Highball-2 Omnidirectional Microphone*
- *Cast-Base Desk Mike Stand*
- *Four 8" Wall Speakers*

"On-the-Go" PA System

Save $12.80

Reg. Separate Items 131.80

119.00

- *MPA-20A PA Amplifier*
- *MC-1000 Dynamic Mike*
- *Two 5" Powerhorn Speakers*

Compact Portable System

Save $10.90

Reg. Separate Items 115.90

105.00

- *MPS-20 PA Speaker/Amp*
- *MC-1000 Dynamic Mike*

Superb Realistic® Sound Accessories for Any System

Studio-Quality Stereo Mixing Console

119.95

NEW FOR '83

- *Lighted Meters*
- *Three Microphone "Pan Pots"*
- *Seven Glide-Path® Faders*
- *Built-In Cue/Monitoring System*

Mix audio sources like professional recording engineers do! Use this versatile console for taping from multiple sources, to control audio at live perfomances, or to blend turntables, tape decks, mikes for DJ programs. Handles three mikes, two magnetic or ceramic turntables and two tape decks. Cross-fader control lets you make skillful music transitions. Three microphone "pan" pots adjust each mike's apparent position in the stereo image—left to right or anywhere in between. Master fader controls overall volume. Has separate jacks for tape recording and main output, ¼" headphone jack with adjustable cue/monitor level, two "cue" push-buttons, mono/stereo switch. Response: 10-30,000 Hz. 2¾ x 10¾ x 8½". U.L. listed AC operation. **32-1200** **119.95**

Stereo Mike/Tape/Phono Mixer

79.95

"Cue" Function Allows Direct Monitoring of Turntable and Tape Inputs With Headphones

Add some life to your next party! Mix or "segue" two turntables, a tape deck and stereo mike just like professional DJs. Five Glide-Path controls and dual VU meters give you precise level settings. Magnetic and ceramic phono inputs, tape in and out, ¼" stereo headphone cue/monitor jack, ¼" mike jacks, battery-test button. Response: 20-20,000 Hz. Output level: 0.7 volts. 2¾ x 10½ x 7½". Requires four "AA" batteries or AC adapter. **32-1100** **79.95**

AC Adapter. U.L. listed. **273-1454** **5.95**

Versatile Low-Cost Stereo Microphone/Line Mixer

NEW FOR '83

24.95

Mixes Up to 4 Mikes And Line Inputs Simultaneously

Ideal for adding extra inputs to a tape recorder or PA system. Four Glide-Path controls, stereo/mono switch, LED battery-test indicator, mike level output. 2¾ x 8¾ x 5". Requires 9V battery. **32-1105** **24.95**

Available Oct. 15, 1982

Electronic Reverb Unit for Special Effects

NEW FOR '83

39.95

- *In/Out Jacks for Mike/Guitar, And Line Level Signals*
- *Adjustable Delay (5-95ms), Depth and Repeat Controls*

Available Oct. 30, 1982

Add unique sounds and effects to "live" vocals, recordings, or musical instruments. Works with tape decks, PA systems or guitar amplifiers. Features Glide-Path controls for mike mixing level, delay time, repeat and echo depth. Solid-state analog-delay IC circuit has no moving parts or springs, insensitive to vibration and feedback. Has phono jacks for line in/out and ¼" mike in/out jacks. LED battery-test indicator. 2½ x 6⅝ x 4¾". Requires six "AA" batteries or AC adapter. **32-1110** **39.95**

AC Adapter. U.L. listed. **273-1455** **6.95**

Creates Echo, Reverb, And "Space" Sounds!

Handy Sound Level Meter With Six Ranges

- *Check Music or Noise Levels in Home or Industry*
- *Use With Frequency Equalizer to Improve Any Stereo System*

NEW LOW PRICE!

29.95

Was $39.95 in 1982 Catalog

Great for adjusting equalizers, PA systems, or checking sound levels in schools, offices, factories. Reads 60 to 126 dB SPL with slow and fast response settings, "A" or "C" weighting. Electret mike, tape recording output, socket for mounting on tripod. 6¼ x 2 7/16 x 1¾". Requires 9V battery. **42-3019** **29.95**

PA Speakers and Accessories for Quality Installations

12" Powerhorn®

44.95

Use indoors or out. Rust resistant. Mtg. bracket. 25 watts. 8 ohms. **40-1238** **44.95**

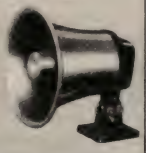
8" Powerhorn

29.95

Water/dust/shockproof. Mtg. bracket. 15 watts. 8 ohms. **40-1239** **29.95**

5" Powerhorn

17.95



Weatherized high-impact construction. Mounting bracket. 8 watts. 8 ohms. **40-1236** .. **17.95**

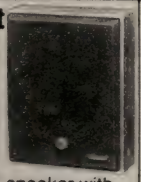
CB/PA Extension 4" Powerhorn

12.95

Rugged—use it indoors or out. With mounting bracket. 8 ohms. **40-1244** **12.95**

Wall-Mount Hi-Fi Speaker

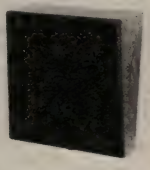
24.95



Minimus®-6. 6½" speaker with volume control. Walnut vinyl veneer. 8 ohms. 10¼ × 10½ × 4¾". **40-221** **24.95**

8" Wall Speaker/ Baffle

14.95



For PA or music. Volume control. Walnut vinyl. 8 ohms. 10¾ × 10¾ × 4¾". **40-219** **14.95**

6½" Patio Speaker

19.95

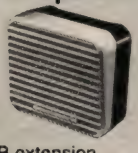
Easy to Install

Moisture-proof molded housing. Keyhole slots. 7¼ × 8¼ × 3⅞". With hardware. 8 ohms. **40-1248** **19.95**

4" Portable Speaker

7.99

Ideal for Cars, Too



Garage, van, CB extension—use it anywhere! Keyhole slots. With hardware. 4¾ × 5½ × 3". 8 ohms. **40-1227** **7.99**

XLR Mike Cable

NEW LOW PRICE

Was $21.95 in 1982 Catalog

19.95

20-Ft. Extension

Heavy-duty three-pin male and female connectors. **42-2382** **19.95**

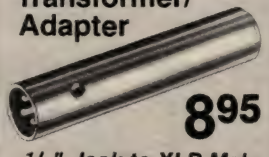
Transformer/Adapter

9.95

Female XLR to ¼" Plug

Shielded. Transforms low-impedance balanced mike/line to high-impedance unbalanced. **274-016** **9.95**

Transformer/ Adapter



8.95

¼" Jack to XLR Male

Use high-impedance mike/line with low-impedance balanced-input equipment. Shielded. **274-017** **8.95**

Desk Mike Stand

Padded Feet

5.99

Cast base with 4" chromed tube. Standard ⅝"-27 thread. **33-370** **5.99**

70V Line Transformer

For Multi-Speaker Systems

4.99

Taps: 10/5/2.5/1.25/0.62 watts. For 4/8/16 ohms. **32-1031** **4.99**

Std. Mike Cable

25-Foot Extension

4.99

¼" molded in-line phone jack to ¼" molded phone plug. Gray finish. **42-2379** **4.99**

Mike Adapter

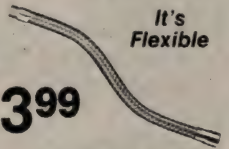
3.99

Plugs one mike into both channels of stereo recorder. ¼" jack to two ¼" plugs. **42-2156** **3.99**

13" Gooseneck

It's Flexible

3.99



Position mike in any direction. Standard ⅝"-27 thread. **33-330** **3.99**

⅝" Screw Flange

1.99

Die-Cast Construction

Attach mike to desk or lectern. Standard ⅝"-27 thread. **33-332** **1.99**

Mike Stand Adapter

2.49

Slip-in design holds most mikes. For use with standard ⅝"-27 thread. **33-371** **2.49**

Clamp-On Adapter

3.99

Holds regular mike or clamps to stand for side mounting. Standard ⅝"-27 thread. **33-372** **3.99**

High-Power Portable PA Sound Columns

Great for Voice or Music in Schools, Clubs, Stage Shows, Sound Reinforcement On the Road

Two Heavy-Duty 10" Woofers, Solid-State Piezo Horn Tweeter

Ⓐ **129.95** Each

Two Heavy-Duty 8" Woofers, Solid-State Piezo Tweeter

Ⓑ **79.95** Each

Ⓐ **Realistic PA-99.** Efficient, integrated speaker system features the latest advances in audio technology for high-definition sound and music reinforcement! Wide 90-20,000 Hz response. System sensitivity: 94 dB (SPL at 1 M/1 W). Rugged vinyl enclosure with strong carrying handle, protective metal corners. Power handling capacity: 160 watts. Has ¼" jack, two push-terminals. 8 ohms. 30 × 13 × 9¾". **40-1410** **129.95**

Ⓑ **Realistic PA-88.** Designed for "natural" sound reinforcement! Controlled 130° sound dispersion maximizes coverage pattern, minimizes feedback for easy mike placement. Smooth 95-18,000 Hz response. System sensitivity: 89.6 dB (SPL at 1 M/1 W). Black vinyl enclosure with carrying handle, protective metal corners. Power handling capacity: 75 watts. Has ¼" jack, two push-terminals for easy hookup. 8 ohms. 30 × 10 × 6⅞". **40-1257** **79.95**

Shack® is The Place for PA and Intercom Equipment!

Portable Amplified Speaker For PA Versatility

99.95

Available Oct. 30, 1982

- *Two-Way—6½" Woofer, 1¼" Tweeter*
- *Operates From 120VAC or 12VDC Mobile*
- *12 Watts • Microphone and Line Inputs*

Realistic® MPS-20. Big sound, yet easy-to-carry! Add a mike for a complete PA system. Amplifies instruments like guitar, synthesizer. Aux jack accepts high level sources or tape deck; mixes with mike input. Volume, tone controls. Rugged design, metal corner protectors, carry handle. 11½ × 9 × 6⅝". U.L. listed AC operation or 12VDC with optional cord.

32-2028 ..... **99.95**

12VDC Cord. 270-1534 ..... **4.99**

NEW FOR '83

Hand-Held PA Megaphone

NEW FOR '83

39.95

Available Oct. 15, 1982

- *Trigger-Grip On/Off Switch*
- *Handy Thumbwheel Volume Control*

Powerhorn®. Completely portable PA system, ideal for sporting events, picnics, rallies. Make your voice intelligible up to 300 feet away. Requires eight "AA" batteries. **32-2029** **39.95**

Two-Piece Wireless FM Microphone System

Available Oct. 30, 1982

Transmitter is Small, Comfortable to Wear

Mike Clips On Tie Or Lapel Easily

69.95

NEW FOR '83

- *49 MHz FM With Crystal Control*
- *Matching Receiver Connects to PA Amplifier, Recorder, or Hi-Fi Syster*
- *Up to 100-Foot Transmit Range*

Ideal for lecturers, teachers, and public speakers! Compact transmitter with sensitive electret tie-clip mike is no larger than a pack of cigarettes. Has volume control and on/off switch. The special receiver features dual conversion and ceramic filter to prevent interference. Has LED "On Air" and power indicators. Adjustable controls for squelch and output level. Receiver: 2¼ × 6¾ × 5¾". U.L. listed AC operation. Transmitter: 2⅜ × 3¾ × ⅞". Requires two "AA" batteries. **32-1220** **69.95**

Miniature FM Wireless Mike

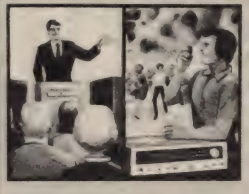
NEW FOR '83

19.95

Actual Size!

Available Oct. 30, 1982

Tunes 88-108 MHz—Transmits To Any Standard FM Radio



Great for Lectures, Stage and Parties!

High-quality mike. Transmits up to 250 ft. outdoors. Built-in tie clip. 1¾ × ¾ × ⅝" FCC Type Accepted. Includes tuning tool, battery, and instructions.

33-1076 ..... **19.95**

4-Station, Battery-Powered Intercom

Save Time and Steps With The Push of a Button

24.95 Set of 4

An inexpensive "whole house" system. Selector knob on master chooses remote #1, #2, #3 or standby—no other station can listen in. Press the Talk-Bar on any remote to signal master. Master, 1¾ × 4⅛ × 4⅞". Remotes, 1¾ × 3 × 4⅛". With three 66-ft. cables. Requires 9V battery or AC adapter. **43-216** **24.95**

AC Adapter. U.L. listed. **270-1551** **9.95**

Battery Powered 2-Station System

14.95 Pair

- *Inexpensive Communications*
- *For Desktop or Wall Mounting*

This two-station system is ideal for home and shop as well as for campers, motorhomes, and large boats. Remote can signal master even when system is "off." 1¾ × 3 1/16 × 4⅛". With 66-foot cable. Requires 9V battery. **43-221** **14.95**

Save Time and Steps With a Wireless FM Intercom

FM Reduces Electrical Noise and Interference • No Installation, Just Plug In

Our Finest, Most Versatile System! 3 Stations, 2 Channels

- *Fully Automatic Squelch Cuts Noise*
- *Phase-Locked Loop Circuit Keeps Stations On-Channel*

129.95 Set of 3

Easy to install—just plug stations into AC outlets at desired locations, and talk! Two channels let you talk with either station without disturbing the other. Automatic squelch keeps station silent until called. Each station has Call-Tone and Talk controls. Lock switch for hands-free talking or monitoring, volume control, channel selector, plus LED "talk" and "receive" indicators. 1¾ × 6½ × 5½". U.L. listed. **43-214** . . . . . **Set of 3/129.95**

3-Station, 2-Channel System With "Call-Tone" Signal

Use on a Desk, Or Mount on Wall **99.95** Set of 3

Adjustable Squelch For Noise-Free Operation

Top value! Two channels—talk with either station without disturbing the other. Squelch control. Lock position for hands-free talking or continuous monitoring, Call-Tone button, channel selector, volume control. Keyhole slots permit wall mounting. 1¾ × 3½ × 6⅞". U.L. listed. **43-217** . . . . . **Set of 3/99.95**

Deluxe 2-Station System With Lighted Talk-Bar

- *Lockable Talk-Bar*
- *Adjustable Squelch*

69.95 Pair

Real step-saver! Easy to use—just press Talk-Bar to speak, or Lock-Bar for hands-free talking, and continuous monitoring. Lighted Talk-Bar doubles as night-light. Each station has volume control, Call-Tone button, adjustable squelch for silent operation until a message is received. Ideal for desktop: 1¾ × 6¾ × 4¾". U.L. listed. **43-212** **Pair/69.95**

Big Value in a 2-Station System

49.95 Pair

- *Compact—Ideal for Desk*
- *Can be Wall-Mounted, Too*

Reliable communication at bargain price! Easy to install— just plug into AC outlets. Call-Tone alerts other station. Lock position for hands-free talking or continuous monitoring. Volume controls, LED "on" indicator. Just 1⅞ × 5⅞ × 4". U.L. listed. **43-207** **Pair/49.95**

This Wireless Monitor Lets You "Babysit" From Another Room—It's a One-Way "Intercom," Too!

29.95 Set

Ideal for monitoring a child's room. Or use as a low-cost intercom for one-way messages. FM system minimizes interference—receiver is silent until transmitter picks up sound. Transmitter has on/off switch. Receiver has on/off volume control. No wiring—just plug in! 1⅞ × 3 × 3⅞". U.L. listed. **43-208** **Set/29.95**

Realistic® High-Performance Speaker Components

Solid-State Piezo Tweeters

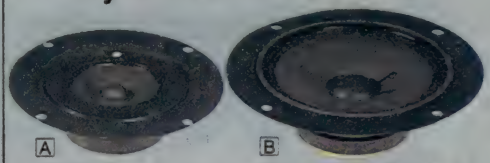
NEW FOR '83

For Applications Requiring High Output Levels

Upgrade your present speaker system—hear crisp, clean highs and superior sound fidelity. These high-performance tweeters employ a ceramic driver element in place of a voice coil and magnet for lower mass and increased efficiency. This improves transient response so you hear clearer highs with a minimum of "ringing." Virtually burnout-proof. Easy parallel hookup—no crossover required!

Fig.	Description	Power Nom/Max (watts)	Effective Frequency Range	SPL (dB) 1W/1M	Cat. No.	Each
A	2 × 6" Horn	30/75	2-25 kHz	94	40-1379	14.95
B	3.5" Super Horn	30/75	5-25 kHz	95	40-1381	12.95
C	3.75" w/Dome	40/75	4-20 kHz	91	40-1382	8.95
D	2" for Home/Car	40/75	5-25 kHz	93	40-1383	4.95

Dynamic Cone Drivers



1¾" Tweeter **5.95**

Ferrofluid-Cooled 4" Midrange **9.95**

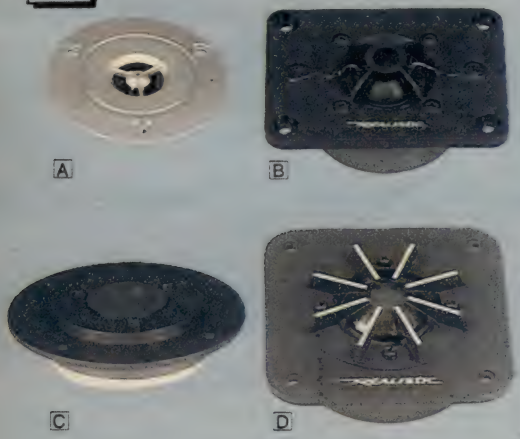
Enjoy extended high and mid-frequency response with these affordably-priced cone drivers. 8 ohms.

Fig.	Power Nom/Max (watts)	Res. Freq. (Hz)	Eff. Freq. Range kHz	SPL (dB) 1W/1M	Magnet Wt. (Oz.)	Cat. No.	Each
A	20/50	1700	5-20	91	2.04	40-1270	5.95
B	20/50	550	1.5-11	92	2.77	40-1282	9.95

Wide-Dispersion Dome Tweeters and Midrange

NEW FOR '83

Hear Clear, Soaring Highs Throughout Your Listening Area



Small, lightweight dome drivers react quickly to input for excellent transient response. Their smooth, "natural" sound character is further enhanced by exceptional dispersion qualities. This in turn provides detailed stereo imaging without narrow "beaming" effect. 8 ohms.

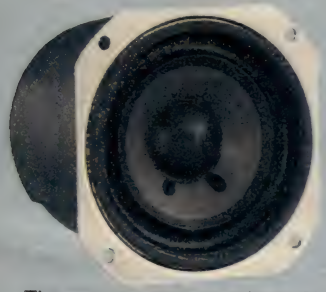
Fig.	Descrip.	Power Nom/Max (watts)	Eff. Freq Range (kHz)	SPL (dB) 1W/1M	Mag Oz	Cat. No.	Each
A	.75" Polycarbonate Hard Dome	20/40	3-30	91.3	0.6	40-1376	7.95
B	1" Soft Dome	30/50	5-20	90	4.9	40-1283	10.95
C	1" Mylar Dome	20/40	6-20	87	5.4	40-1276	10.95
D	Soft Dome Midrange	35/70	1.5-10	86	10.8	40-1281	17.95

Dynamic Tweeter Horns

These quality horns deliver wide, controlled sound dispersion patterns. Ideal for use where high penetration levels are desired. Dynamic elements provide life-like reproduction of percussive and brass instruments.

Fig.	Descrip.	Power Nom/Max (watts)	Res. Freq. (Hz)	Eff. Freq. Range kHz	SPL (dB) 1W/1M	Magnet Wt. (Oz.)	Cat. No.	Each
A	2½" Radial	20/50	2500	6-16	98	2.75	40-1278	8.49
B	2 × 6"	12/30	1500	5-17	96	2.75	40-1228	12.95

Dynamic Midrange/Tweeter



NEW LOW PRICE

11.95

Was $12.29 in 1982 Catalog

The easy way to upgrade an 8", 10" or 12" speaker to a fine two-way system with excellent mid and high-frequency response. Tuned sub-enclosure lowers effective frequency range to match most woofers. 700-20,000 Hz response, 89 dB SPL (1W/1M), 30-watt power capacity, 2.86-oz. magnet. 8 ohms. With 16-microfared capacitor. **40-1289** **11.95**

Universal 2-Way Crossover

10.95

Choice of three crossover points: 2000 Hz/2500 Hz/4000 Hz. Cut-off rate: 6 dB per octave. Capacity: 100 watts. **40-1296** **10.95**

Universal 3-Way Crossover

18.95

Four combinations: 800/5000 Hz, 800/7000 Hz, 1600/5000 Hz, 1600/7000 Hz. Cut-off rate: 6 dB per octave. Capacity: 100 watts. **40-1299** . . **18.95**

Dynamic Protectors

For Tweeters **4.99 Pair**

Protects tweeter from overload. Increases power rating. Virtually inaudible operation. For two or three-way sytems. Easy hookup. **40-301** . . . . . **Pair 4.99**

L-Pad Speaker-Level Control Handles Up to 75 Watts

6.95

Use to control tweeter or midrange output to match woofer output. Or control volume of any 8-ohm speaker. **40-977** **6.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Speakers for Custom-Designed Systems & Installations

8" Polypropylene Woofer

NEW FOR '83

Exceptional Low-Frequency Smoothness

19.95

Available Sept. 30, 1982

Light, rigid cone offers superior uniformity, reduces distortion and delivers smooth, uncolored response. 50-watt power capacity, 30-3000 Hz response, 30 Hz free-air resonance, 89 dB SPL (1W/1M), 0.41 Q_{TS}, 2.55 ft.^{3} V_{AS}, 10-ounce magnet. 8 ohms. **40-1021** **19.95**

Foam-Surround Woofers for Deep, Well-Defined Bass

For Extended Low Frequencies When Used With a Properly Constructed Enclosure

All Realistic woofers provide clean, gutsy bass down to where sound becomes a physical sensation! High-temperature voice coils for reliability. Rigid frame construction insures proper alignment, long-life service. Mounting gaskets included. Ceramic magnets. Coded terminals for easy hookup. 8 ohms.

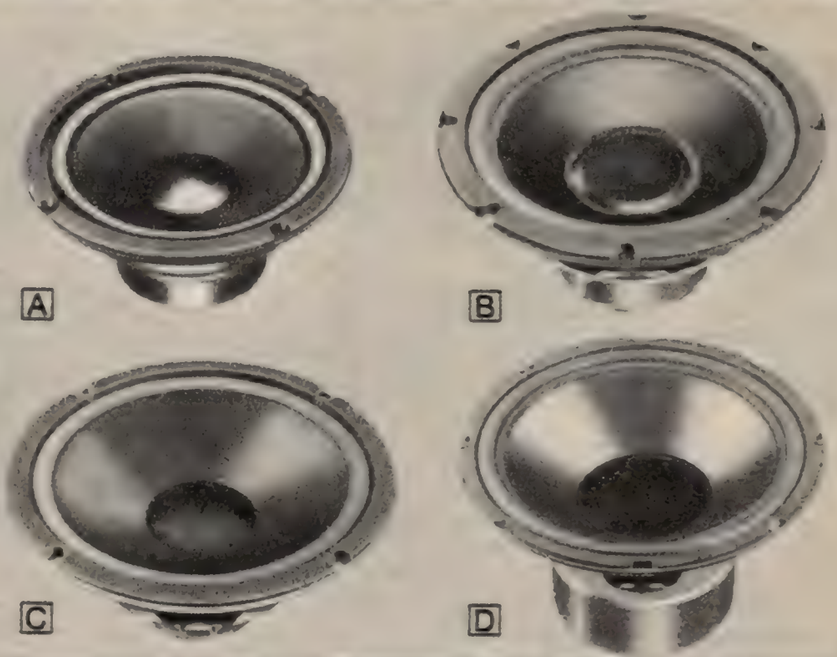


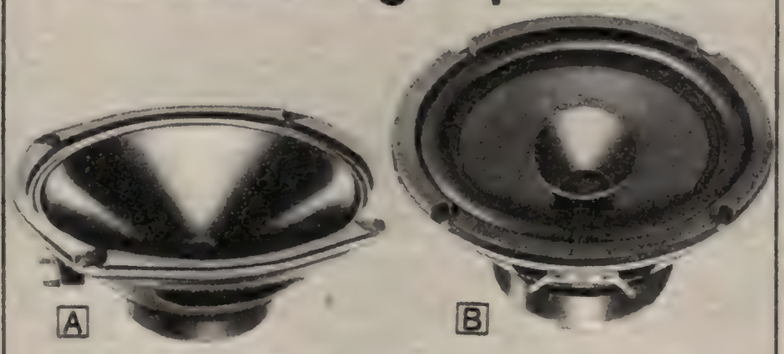
Fig.	Size	Power Capacity (watts)	Effective Frequency Hz Range	Free-Air Resonance (Hz)	Q_{TS}	V_{AS} (ft.^{3})	SPL (dB) 1W/1M	Magnet Wt. (Oz.)	Recommended Crossover Frequency	Cat. No.	Each
A	6½"	50	50-5000	45	.40	1.2	90	12.9	4000 Hz	40-1009	17.95
B	8"	50	43-3000	43	.46	2.15	82	16	2000 Hz	40-1006	19.95
C	10"	50	40-4000	40	.93	4.3	91	9.12	800 Hz	40-1331	24.95
D	12"	50	20-2000	20	.57	18.4	78	16	800 Hz	40-1007	29.95

Multi-Use Wide-Range Speakers

Enjoy clarity and wide-range sound reproduction with these value-priced little speakers. Designed for use as replacements in portable tape recorders, radios, CBs, telephone amplifiers, and more. 8 ohms.

Fig.	Size	Power Nom/Max (watts)	Magnet Wt. (Oz.)	Cat. No.	Each
A	3"	2.0	0.35	40-248	2.99
B	2¼"	0.5	0.35	40-246	2.49
C	2"	0.5	0.35	40-245	2.49

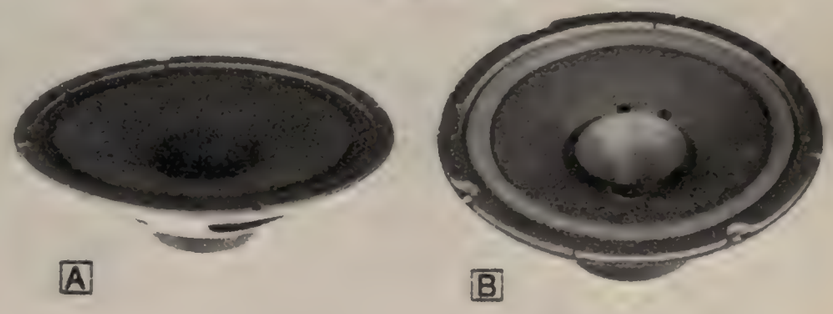
6" Full-Range Speakers



Use these great-sounding speakers as extensions, replacements, in custom-built systems, ceiling installations, and more! Smooth response from solid lows through the important midrange frequencies, to extended highs. 8 ohms.

Fig.	Descrip.	Power Nom/Max (watts)	Res. Freq. (Hz)	Eff. Freq. Range Hz	Magnet Wt. (Oz.)	Cat. No.	Each
A	6"	2/5	90	90-12K	2.8	40-1242	6.49
B	6" w/ Whizzer	7/20	55	55-12K	9.8	40-1285	12.95

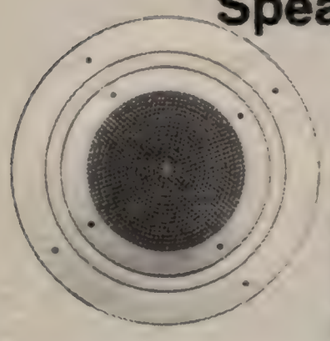
8" Full-Range Speakers



Perfect for sound reinforcement or background music systems. Use for clubs, schools, offices, rec room, and other applications. 8 ohms.

Fig.	Descrip.	Power Nom/Max (watts)	Res. Freq. (Hz)	Eff. Freq. Range Hz	SPL (dB) 1W/1M	Magnet Wt. (Oz.)	Cat. No.	Each
A	8"	5/10	75	75-20K	88	2.77	40-1271	6.95
A	8"	4/10	90	90-20K	87	5.3	40-1272	7.95
B	8" w/ Whizzer	30	57	57-16K	93	9.4	40-1286	17.95
B	8" w/ Whizzer	35	55	55-16K	90	16.0	40-1341	22.95

Solid Steel Ceiling Speaker Grille



White Enamel Finish

4.99

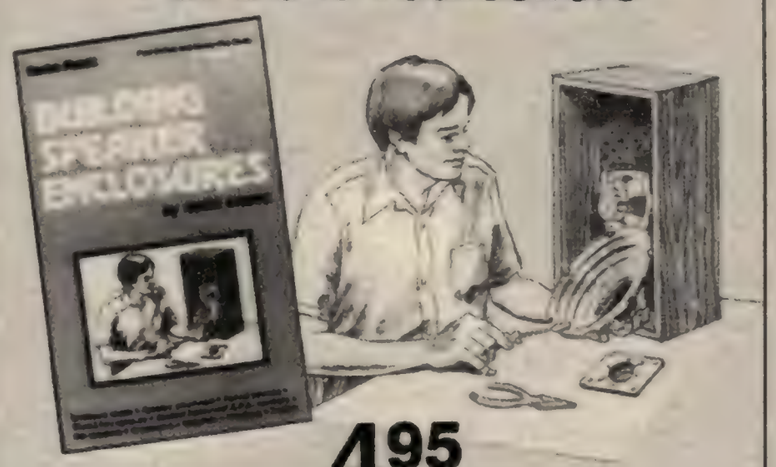
For mounting 8" speakers in ceiling. With hardware. (Use with 40-1341/1286/1272/1271 above.)
40-1223 . . . . . **4.99**

Acoustic Insulation

2.19 ***For Custom Builders***

Fiberglass. For damping speaker enclosures. One square yard.
42-1082 . . . . . **2.19**

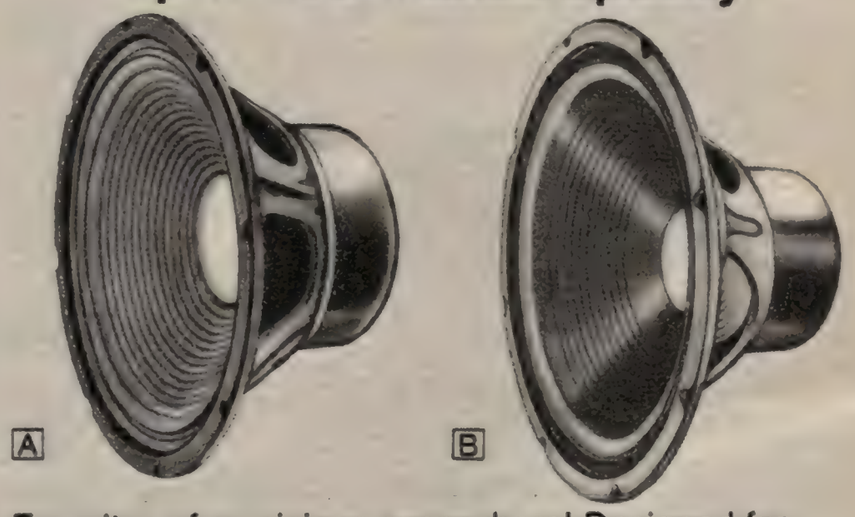
Speaker Enclosure Manual For Do-it-Yourselfers



4.95

All you need to know about speaker cabinet design! Chapters on how speakers work, construction plans, closed-box systems, tuned-port systems, musical instrument and PA speakers, crossover networks, testing, and more. With loudspeaker design computer program for TRS-80 users. **62-2309** **4.95**

Musical Instrument Speakers— Up to 100 Watts Capacity



Favorites of musicians everywhere! Designed for heavy-duty use, heat-proofed to resist fracture and burnout. 8 ohms.

Fig.	Size	Power (watts)	Free-Air Resonance	Response (Hz)	Magnet Oz.	SPL (dB)	Cat. No.	Each
A	12"	50	67 Hz	67-3500	20.39	89	40-1314	29.95
B	15"	100	62 Hz	62-3000	34.25	91.5	40-1315	39.95

Speakers and Accessories for Your Highway Hi-Fi

Famous Minimus®-7 2-Way Speaker

49.95 Each

14.95 Pair

Metal Mounting Bracket

Add big sound to car,van or RV. Heavy-magnet 4" woofer and wide-dispersion 1" tweeter for response to 20,000 Hz. Die-cast metal enclosure. 40 watts. 7 1/16 × 4 7/16 × 4 5/16".

Black. 40-2030 ..... **49.95**

Silver. 40-2034 ..... **49.95**

Mounting Bracket. 40-2031 ..... **Pair/14.95**

Meet Minimus-7's "Little Brother"

NEW FOR '83

19.95 Each

Mounting Bracket

10.95 Pair

Realistic Minimus-3.5. Ideal for stereo in small cars. Features 3" full-range speaker, high-density molded enclosure with perforated metal grille. 5⅜ × 3⅜ × 3⅜". **40-1996** ... **19.95**

Mounting Bracket. Fits the Minimus-3.5 speaker only. **40-1997** **Pair/10.95**

2-Way System

Save 13%

Reg. Separate Items 22.90

19.95 Set

- *Long-Throw 6½" Woofer*
- *2" Piezo Tweeter*

Custom design a speaker system with great 45-25,000 Hz sound! No crossover required, easy parallel hookup. Handles 50 watts.

40-1383/1009 ..... **19.95**

6 × 9" 2-Way Car Speaker

24.95 Each

Coaxial design for detailed sound! 10-oz. woofer magnet. 3" tweeter. Handles 30 watts. 8 ohms.

40-1355 ..... **24.95**

6 × 9" 3-Way Car Speaker

29.95 Each

Tight bass, smooth midrange, clean highs. 10-oz. woofer magnet, 3" midrange, ½" tweeter. 30 watts. 8 ohms.

40-1356 ..... **29.95**

6 × 9" Speakers

Low As 6.95 Each

30-Watt. With whizzer cone. 10-oz. mag. 8 ohms. Was $16.95 in 1982 cat. New low price!

40-1260 ..... **12.95**

10-Watt. 8 ohms.

40-1268 ..... **9.99**

Budget. 8 ohms.

40-1269 ..... **6.95**

4 × 10" Speakers

Low As 8.59 Each

Dual-cone design. Ceramic magnets.

10-oz. Magnet. 30 watts. 8 ohms.

40-1297 ..... **12.95**

5-oz. Magnet. 10W. 4/8/16 ohms. **40-1243** .. **8.59**

5 × 7" Replacement Speaker

7.99 Each

3-oz. ceramic magnet. 10 watts. 4/8/16 ohms.

40-1261 ..... **7.99**

4 × 6" Speaker

6.95 Each

Wide-range sound. Handles 10 watts. 5.3-oz. ceramic magnet. 8 ohms. **40-1298** .. **6.95**

5¼" Speakers

Low As 5.99 Each

NEW FOR '83

Full-Range. 10-oz. mag. 40W. 8 ohms.

40-1354 .. **12.95**

Budget. 5.3-oz. mag. 8W. 8 ohms.

40-1241 .... **5.99**

5" Full-Range Speakers

Low As 5.79 Each

9.8-oz. Magnet. 20W. 8 ohms. **40-1284** **9.95**

5.3-oz. Magnet. 10W. 8 ohms. **40-1909** **6.95**

2.8-oz. Magnet. 5W. 8 ohms. **40-1240** .. **5.79**

4" Full-Range Speakers

Low As 4.95 Each

6.81-oz. Magnet. 10W. 8 ohms.

40-1197 ... **10.95**

.53-oz. Magnet. 2W. 8 ohms.

40-1203 ... **4.95**

3½" Replacement Speaker

5.99 Each

Includes protective grille fabric. 2.8-oz. ceramic magnet. Handles 4 watts. 8 ohms.

40-1333 ..... **5.99**

Speaker Grilles

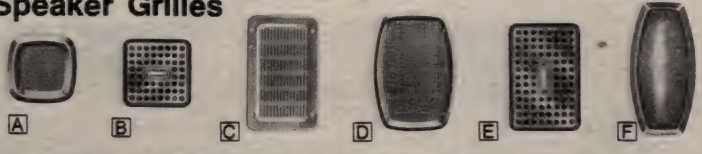


Fig.	Description	Cat. No.	Each	Fig.	Description	Cat. No.	Each
A	4" or 5" molded	40-1291	1.99	D	6 × 9" rear deck	40-1337	2.99
B	5¼" or 6" grille	40-1290	3.59	E	6 × 9" woodgrain	40-1334	4.59
C	6 × 9" chrome	40-1174	2.79	F	4 × 10" grille	40-1338	3.99

Mono Fader

2.69

Rotary control lets you balance front and rear speakers. With hardware, instructions.

40-550 ..... **2.69**

Stereo Fader

6.99

High Power

Provides easy front-to-rear balance adjustment. Handles speaker systems rated up to 50 watts. **270-048** **6.99**

Stereo Fader

4.99

Balance front and rear stereo speaker pairs. Styling matches almost any car interior. **270-047** **4.99**

Selector/Fader

5.99

Select stereo tape or radio. Control front-to-rear balance to suit your taste.

270-046 ..... **5.99**

Selector Switch

2.99

Switch from tape to radio using same pair of speakers. With hardware, instructions.

270-045 ..... **2.99**

CONVENIENT CHARGE AND TIME-PAY PLANS AVAILABLE AT MOST RADIO SHACK STORES

Perfectly Matched Stereo Speaker Pairs Fit Any Car

3-Way Flush Mounting Speaker System

79.95 Pair

80 Watts Power Handling Capacity

This deluxe hi-fi speaker system really makes high-power autosound equipment come alive! Features individually mounted 5¼" woofer, 2½" midrange and 2" tweeter, with electronic crossover. Fits standard 6 × 9" cut-out. 2¾ × 9¾ × 6¾". With mounting hardware. **12-1854 . . Pair 79.95**

3-Way 6 × 9" Flush Mounts

99.95 Pair

- *3" Midrange*
- *1¾" Tweeter*
- *6 × 9" Polypropylene Woofer Resists Moisture*
- *120 Watts Power Handling Capacity*

Our finest flush-mounts deliver full-range sound to 18,000 Hz. 20-oz. magnets for fantastic bass response. Mesh grilles. No retainer rings required. **12-1857 . . . . . Pair 99.95**

NEW FOR '83

Available Nov. 30, 1982

2-Way Surface Mounts

59.95 Pair

60 Watts Power Handling Capacity

These surface-mounts feature individually mounted 5½" woofer, 2" tweeter, open-mesh grilles. Electronic crossover network. 3 × 9½ × 6¼" molded housings.
12-1853 . . . . . Pair 59.95

Snap-On Metal Grilles

3-Way Flush Mounts

59.95 Pair

60 Watts Power Handling Capacity

High-powered hi-fi sound! Big 5¼" air-suspension woofer and 20-oz. magnet, 1" voice coil; 2" midrange, 1" horn tweeter. Electronic crossover. No retainer rings required.
12-1856 . . . . . Pair 59.95

5¼" Surface Mounts

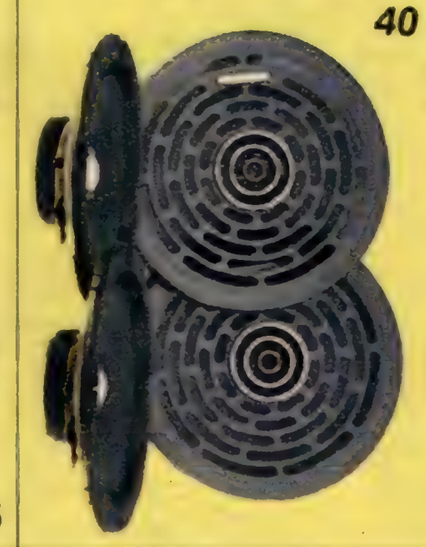
29.95 Pair

Quality speakers with cloth-rolled dual cone, 8-oz. magnet. Acoustic suspension design for deep bass. Durable molded housings. 7¾ × 7½".

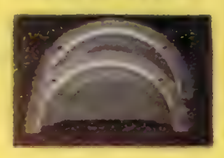
40 Watts Power Handling Capacity

12-1849 Pair 29.95

Space-Saving 5¼" Flush Mounts



40 Watts Power Handling Capacity



Moisture Shields Included

29.95 Pair

Only 1½" deep—mount easily in door panels, or anywhere space is shallow. Metal grilles. No retainer rings required.
12-1855 . . . . . Pair 29.95

Compact 4" Flush Mounts

29.95 Pair

NEW FOR '83

Available Oct. 30, 1982

40 Watts Power Handling Capacity

Ideal size for imports and compacts. Dual-cone design, with 6.5-oz. magnets. No retainer rings required.
12-1858 . . Pair 29.95

5¼" Surface Mounts

17.95 Pair

20 Watts Power Handling Capacity

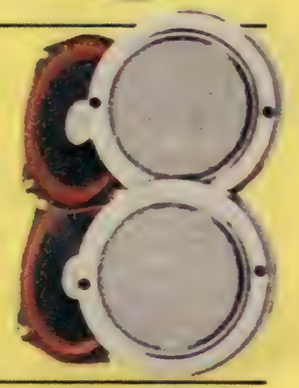
Wide-response dual-cone speakers, with 4¼-oz. magnets, mounted in durable molded housings. Easy to install, or remove to re-mount in your next car. 7¾ × 7½". **12-1844 . . . . . Pair 17.95**

5¼ Flush Mount Speakers

20 Watts Power Handling Capacity

17.95 Pair

Buy 'em for miles of listening pleasure! Wide-response Dual-cone speakers with 4¼-oz. magnets. With retainer rings for quick mounting without removing door panels, metal grilles.
12-1843 . . . . . Pair 17.95



3" Surface Mount Speakers

11.95 Pair

20 Watts Power Handling Capacity

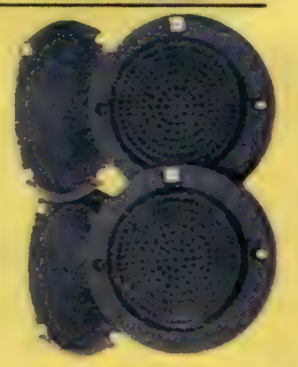
An economical way to add fine sound to any car! Wide-range speakers in durable molded housings. Small size makes them perfect for most subcompacts. Heavy-duty ceramic magnets. Easy to install. **12-1852 . . . . . Pair 11.95**

Space-Saving 5" Flush Mounts

20 Watts Power Handling Capacity

11.95 Pair

Enjoy fine car stereo, even when there's a minimum of mounting space. Wide-range speakers include retainer rings for quick mounting without removing panels. Molded vinyl grilles. **12-1851 . . . . Pair 11.95**



SPEAKERS ON THIS PAGE ARE 8 OHMS, RATED IN PROGRAM POWER PER PAIR—INCLUDE MTG. HARDWARE & INSTRUCTIONS

High-Performance In-Dash AM/FM Stereo Cassettes

Our Best! High-Power, Digital-Synthesized Music Center

NEW FOR '83

249.95

- *30 Watts Total Output Power*
- *LED Station Frequency/Time Display*
- *Programmable 12-Station Memory*
- *Station Search and Scan System*
- *"Key-Off" Auto-Eject • DIN-Size*

Car stereo never sounded so good! Our new Dynamic Signal Enhancer circuit dramatically improves FM reception, and a phase-locked loop synthesizer locks each station exactly on-frequency with quartz accuracy. Program any twelve stations (six AM, six FM) for instant recall. Also has auto-search and scan—tunes to the next available station and locks it in. Digital readout features dimmer for night driving, and becomes a clock five seconds after tuning in a station or when radio is "off". Full tape control, too: locking fast-forward and rewind, automatic tape-replay after rewind, plus end-of-tape or "key-off" auto-eject. Separate bass and treble controls, loudness button for full sound even at low volume, LED indicators for memory set, FM stereo and tape mode. An exciting addition to any car!
12-1897 . . . . . **249.95**

High-Power Pushbutton With Auto-Eject

Auto-Eject at End of Tape or When Ignition Is Turned Off

199.95

- *30 Watts Total Output • Separate Bass and Treble Controls*
- *Locking Fast-Forward and Rewind • Standard-Size Chassis*

A top-performer with wide dynamic range and "home-quality" sound! Impressive styling, too. Pushbuttons preset your five favorite stations, FM or AM. Stereo/mono button for best FM reception. Loudness button boosts bass for great sound even at low volume. Lighted dial, LED tape mode indicator. **12-1894** **199.95**

Full-Fidelity Player With Auto-Stop and Pushbutton Tuning

119.95

- *8 Watts Total Output • DIN-Size Fits in Most Dashes*
- *Combination Locking Fast-Forward and Eject Control*

Pushbutton convenience plus superb stereo! You get instant selection of any five stations and lots of great features. FM stereo and tape mode indicators, lighted dial, end-of-tape Auto-Stop in all modes and a stereo/mono selector for best reception of distant or weak FM stations.
12-1896 . . . . . **119.95**

Mini-Size + Vertical/Horizontal Mounting

Our Smallest! Fits GM X-Body Cars, Most Imports, Nearly Any Compact Car

99.95

- *End-of-Tape Auto-Stop • Mini Chassis*
- *8 Watts Total Output Power*

Starts automatically when you pop in a cassette! Stereo/mono button for best reception of distant or weak FM stations. Combination locking fast-forward/eject button, LED tape and FM stereo indicators. Lighted dial, rotary volume, tone, balance and tuning controls. **12-1892** **99.95**

Lowest Priced With Auto-Stop

79.95

- *8 Watts Total Output • DIN-Size*
- *Stereo/Mono Switch for Best FM*

Outstanding Features at A Great Price!

Auto stereo at a price well below the cost of "factory-installed". Player starts when cassette is inserted, stops automatically at end of tape. Pushbutton locking fast-forward/eject, lighted dial, rotary volume, tone, balance and tuning controls. **12-1880** **79.95**

SEE IMPORTANT INSTALLATION INFORMATION ON PAGE 67

AM/FM Stereo Tape Players to Fit Any Car or Budget

Deluxe In-Dash Cassette With Digital Frequency/Time Display

NEW FOR '83

179.95

Available Sept. 30, 1982

- *24 Watts Total Output Power*
- *Automatic Search Music System Finds Your Favorite Tape Selections Quickly*
- *Built-In Dynamic Signal Enhancer For Improved FM Reception*
- *Mini Chassis Fits Most Cars*

Superb sound, easy operation, accurate time—a great combination for your car! Frequency display shows the time when you listen to tapes, includes a dimmer for night driving. Automatic Search Music System senses the "silence" between tape selections during fast-forward and rewind—you can replay a song or advance to the next one with the touch of a button! You also get Auto-Stop, manual eject, locking fast forward and rewind. Separate bass and treble controls give complete tonal command. Loudness button provides full-range sound even at reduced volumes, and the stereo/mono switch gives optimum FM reception on weak or distant stations. Front-rear fader control lets you adjust the balance of 4-speaker systems. Tape and FM stereo indicators, rotary volume, balance and tuning controls. **12-1899** **179.95**

In-Dash Cassette With Auto-Reverse

129.95

- *8 Watts Total Output Power • DIN-Size*
- *Separate Locking Fast-Forward and Rewind*

Uninterrupted music! Automatically reverses at end of cassette and plays other side. FM stereo indicator, lighted radio dial, rotary volume, tone and balance controls, manual eject. Stereo/mono switch provides best FM reception. **12-1898** **129.95**

In or Under-Dash High-Power Cassette

169.95

- *24 Watts Total Output Power • DIN-Size*
- *End-of-Tape Auto-Stop in All Modes*

Powerful amplifier gives you great sound! Separate bass and treble, locking fast forward/rewind, rotary volume, balance and tuning. Loudness and stereo/mono buttons, tape and FM stereo indicators, lighted dial, manual eject. **12-1888** **169.95**

Low-Cost 8-Track

89.95 DIN-Size Mounts In or Under Dash

- *8 Watts Total Output Power*
- *Loudness Button Enhances Bass*

Pushbuttons for stereo/mono, AM/FM, radio/tape. Rotary tone control. Lighted dial. **12-1895** **89.95**

HANDY INSTALLATION INFORMATION FOR PLAYERS ON THESE TWO PAGES

Cat. No.	Chassis Type	Body Size (H × W × D)		Nosepiece Size (H × W × D)		Shaft Spacing (Adjustable)	
		Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
12-1897	DIN*	1 3/4 × 7 3/32 × 5 29/32	44 × 180 × 150	1 21/32 × 4 1/8 × 1 1/2	42 × 105 × 38	5 1/8 to 6 7/32	130 to 158
12-1894	Std†	1 31/32 × 7 3/32 × 5 29/32	50 × 180 × 150	1 15/16 × 4 1/8 × 1 3/8	49 × 105 × 35	5 1/8 to 6 5/16	130 to 160
12-1896	DIN*	1 3/4 × 7 3/32 × 4 15/16	44 × 180 × 125	1 11/16 × 4 9/16 × 1 3/16	43 × 116 × 30	5 1/8 to 6 5/16	130 to 160
12-1892	Mini††	1 3/4 × 6 5/16 × 4 1/2	44 × 160 × 115	1 5/8 × 3 9/16 × 1 1/16	41 × 90 × 27	4 7/8 to 5 1/8	124 to 130
12-1880	DIN*	1 3/4 × 7 3/32 × 4 9/16	44 × 180 × 116	1 11/16 × 4 3/16 × 1 3/16	43 × 116 × 30	5 1/8 to 6 5/16	130 to 160
12-1899	Mini††	1 3/4 × 6 5/16 × 4 15/16	44 × 160 × 125	1 21/32 × 4 1/8 × 1 3/8	42 × 105 × 35	5 1/8 to 5 19/32	130 to 142
12-1888	DIN*	1 3/4 × 7 × 5 29/32	44 × 178 × 150	1 3/4 × 4 1/8 × 1 3/8	44 × 105 × 35	5 1/8 to 6 5/16	130 to 160
12-1895	DIN*	1 3/4 × 6 3/4 × 4 23/32	44 × 172 × 120	1 21/32 × 4 1/8 × 1 1/8	42 × 105 × 30	5 1/8 to 5 25/32	130 to 147
12-1898	DIN*	1 3/8 × 6 5/16 × 4 3/4	44 × 160 × 120	1 21/32 × 4 3/16 × 1 7/16	42 × 106 × 36	5 1/8 to 5 13/16	130 to 148

***DIN fits in dash of most European imports, many larger Japanese imports, many domestic mid-size cars. †Standard fits in dash of most domestic standard and mid-size cars, larger Japanese imports, most domestic trucks. ††Mini fits in dash of smallest Japanese exports, most domestic compacts and subcompacts.**

GENERAL INFORMATION: All players include ample speaker cable, mounting hardware, illustrated instructions, trim plates and nosepieces. 12VDC neg. gnd. only. CAUTION: Do NOT use high-power players with power boosters, equalizer/boosters or common-ground (3-wire) speaker wiring or switches. NOTE: 6 5/16" (160mm) shaft spacing is standard for most domestic trucks.

Upgrade the Performance of Your Autosound System

100-Watt Stereo Amplifier For Sensational Sound

119.95

- *50 Watts Per Channel*
- *Mounts In Trunk Or Under Dash*

Includes 18-ft. heavy-duty input and output extension cables with all connectors and fuse holders *at no extra cost!*

NEW FOR '83

Available Nov. 30, 1982

Boost the power of your tape player or stereo radio with this compact amplifier. Features selectable high/low level input and works with any autosound system, even separate components! Automatic power "ON" switching, built-in noise filter, fully protected against overload. Only 1% THD at 80 watts. 2⅜ × 6⁹⁄₁₆ × 8¹³⁄₁₆". Includes all mounting hardware (see inset). **12-1866** **119.95**

40-Watt Stereo Frequency Equalizer/Boosters

Five Bands, Fader Control

69.95 *Thin Line—Fits Under Any Dash* NEW FOR '83

Makes your present system sound far better—adds dynamic range. Thin-line design fits under nearly any dash. Five-Level LED power meter. Center frequencies are 60, 250, 1000, 3500, 10,000 Hz. Front and rear fader control. Only 1% total harmonic distortion at 30 watts. 1³⁄₁₆ × 5⅞ × 4¾". **12-1865** **69.95**

Seven Bands, Fader Control

79.95 *10-Level LED Power Meter On Each Channel*

Our best! Dramatically improves range and tone—fills even a motorhome with great sound. Frequencies are 60, 150, 400, 1000, 2400, 6000, and 15,000. Front/rear fader. Only 1% total harmonic distortion at 30 watts. 2 × 5½ × 6". **12-1862** **79.95**

Five Bands, Bargain Price

49.95

Perfect for systems using only two speakers! Power plus the versatility to boost or cut response up to 12 dB at 60, 1000, 3500, and 10,000 Hz. Only 1% THD at 30 watts. 2 × 5¼ × 6". **12-1863** **49.95**

40-Watt Power Booster

27.95

Improve dynamic range and sound so you can hear your music over road and engine noise. Great addition to your car's stereo system. Only 1% THD at 30 watts. 1¼ × 4 × 6⅛". **12-1860** **27.95**

"Super Small" FM Converter

Easy Plug-In Connections—Uses Existing AM Antenna

24.95

Get in on the music you've been missing—add FM to your AM car radio! No rewiring necessary. Under-dash installation. 1³⁄₁₆ × 4 × 5¼". 12VDC neg. gnd. **12-1350** **24.95**

8-Track/Cassette Adapter and FM Signal Booster

Play Cassettes On Any 8-Track

34.95

8-Track Adapter. Simply insert like an 8-track cartridge to adapt any 8-track player for stereo cassettes. Locking fast-forward, pushbutton eject. 1¾ × 4¾ × 9⅞". **12-1875** **34.95**

19.95 *Ideal for Weak Signal Areas*

FM Booster. Six dB amplification brings more stations in clearly on your FM radio. Dual-polarity 12VDC pos. or neg. gnd. Easy installation. 1 × 3½ × 2⅜". **12-1873** **19.95**

Choose the Radio You Want! Fit Most Cars and Trucks

A

B

47.95

- *Built-In Oval Speaker*
- *External Speaker Jack*

A **AM/FM Radio.** Easy-to-install in or under dash. Compact "DIN" size. Local/DX and Hi/Lo tone switches. Lighted dial. Dual-polarity for 12VDC pos. or neg. gnd. vehicles. 1⅞ × 6⅝ × 4⅞" (48 × 168 × 124mm). **12-1353** **47.95**

27.95

- *Built-In 4" Speaker*
- *Hi-Lo Tone Switch*

B **AM Radio.** Fits right into the dash of many cars and trucks and under the dash of almost all. Yet it costs about a third of the price of factory-installed AM radios. Lighted dial. 12VDC neg. gnd. only. 1¾ × 5½ × 6⅜" (44 × 140 × 162mm). **12-1352** **27.95**

NOTE: Boosters rated at total watts rms output, both channels. Boosters and tape players for 12VDC neg. gnd. only, except where pos. gnd. noted. All include mtg. hardware. CAUTION: Not for "common ground" (3-wire) speaker hookups or high-power car stereos 12-1981/1888/1889/1894/1897.

Under-Dash Cassette and 8-Track Tape Players

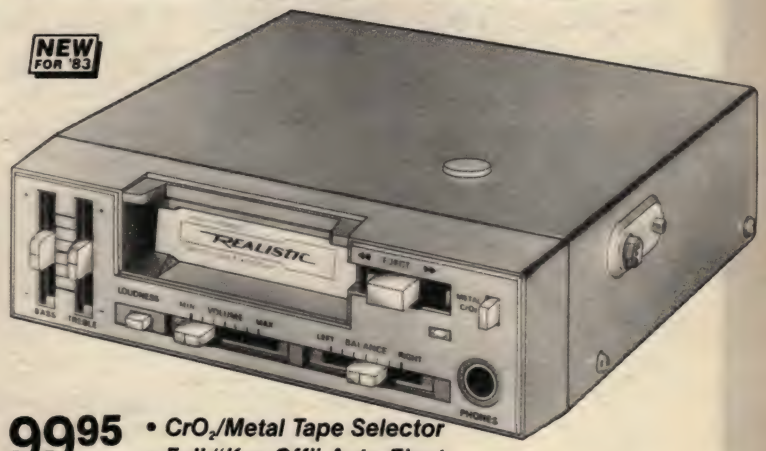
Cassette With Auto-Reverse and Auto-Search

69.95

Slide-Action Controls for Volume, Tone and Balance

Auto-Reverse plays both sides of the tape automatically. Auto-Search senses the "silence" between musical selections during fast-forward and rewind. You can advance the tape to the start of a selection—or replay the selection with the touch of a button. Three LED indicators, locking fast-forward and rewind, and manual eject. 8 watts total output. 1 9/16 × 5 1/2 × 6".
12-1980 . . . . . **69.95**

Full-Featured High-Power 24-Watt Cassette



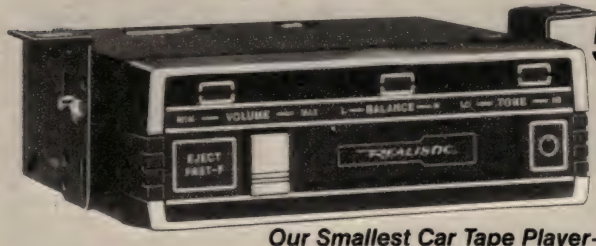
99.95

- ***CrO_2/Metal Tape Selector***
- ***Full "Key Off" Auto-Eject***

You'll be proud to own this beauty! 12 watts per channel at low distortion—even at high listening levels. Loudness button improves bass at low volume. Selector for metal, CrO_2, or regular tape. Separate bass and treble controls. Convenient Auto-Eject, locking fast-forward and rewind/replay. Stereo headphone jack. 1 9/16 × 6 5/16 × 6". **12-1981** **99.95**

Not for use with power boosters, equalizer/boosters or some speaker switches

"Super-Mini" Cassette Fits Almost Anywhere



59.95

Our Smallest Car Tape Player—Ideal for Sports Cars and Subcompacts

Fine sound that mounts under dash, in glove compartment or center console. End-of-tape Auto-Stop with LED indicator, pushbutton eject, locking fast forward. 8 watts total output. 1 3/4 × 5 1/8 × 5 5/16".
12-1803 . . . . . **59.95**

Compact AM/FM Stereo Cassette

99.95

- ***End-of-Tape Auto-Stop***
- ***Space-Saving "DIN" Size—Only 4 1/2" Deep***

Features stereo/mono switch for best FM reception. Convenient locking fast forward/manual eject pushbutton. End-of-tape Auto-Stop with LED indicator. 8 watts total output. 1 3/4 × 6 5/16 × 4 1/2".
12-1893 . . . . . **99.95**

Budget-Priced Stereo Cassette Tape Player

39.95

- ***Slide-Action Controls***
- ***End-of-Tape Auto-Stop***

Compact in size and in price. Features Auto-Stop in play mode, locking fast-forward, pushbutton eject, slide-action controls for volume, tone and balance. 8 watts total ouput. 1 5/8 × 5 5/8 × 5 1/4".
12-1807 . . . . . **39.95**

Bargain-Priced Space-Saving 8-Track Player

39.95

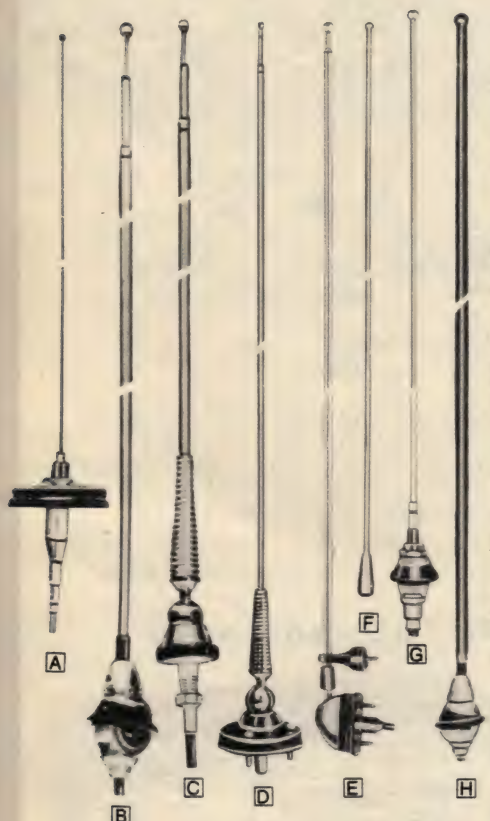
- ***Slide-Action Controls***
- ***Easy to Mount—Only 6 7/8" Deep***

Smart-looking player neatly fits under dash in subcompact cars. Volume, balance and tone controls, plus LED program indicators. 8 watts total output. Just 2 1/2 × 4 3/4 × 6 7/8". **12-1800** **39.95**

NOTE: All Realistic tape players include mounting hardware, wiring harness with inline fuse and holder, speaker cable and complete instructions. All for 12VDC negative ground only.

Replacement Antennas and Accessories for Your Car

Improve Your Radio With a New Antenna



For New or Replacement Use

A **Ford Antenna.** For Ford cars, '67-'81, with 4-screw hole mounting. One-piece stainless steel, 31″ whip, 72″ cable. **12-1305** **8.99**

B **Universal "8 Ball".** Top cowl or fender mount. Three sections extend from 21¼ to 55″. Adjusts up to 35°. **12-1306** **5.39**

C **Stainless Steel Spring.** Swivel ball mount for top cowl or fender. Three sections extend from 25⅜ to 55″. Adjusts a full 90°. With 48″ low-loss cable. **12-1307** **7.99**

D **Heavy-Duty RV/Van/Pickup Antenna.** Mounts on fender, roof, side panel. Three-section stainless steel whip extends from 25″-60″. Chromed swivel base, tapered shock spring. 84″ cable. **12-1319** **14.49**

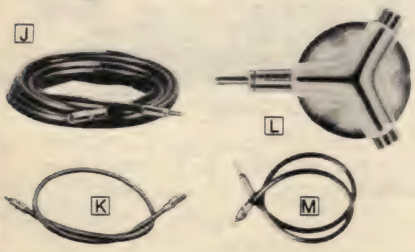
E **Universal Pillar Mount.** Three-section whip extends 19½″-51″. Lead-in 61″. Mounting hole spacing from 2½″ to 18″. Fits all Japanese cars (except Honda). **12-1320** **6.99**

F **Replacement Whip.** Fits over "stub" of broken antenna. 31″ stainless steel. Ideal for FM stereo. **12-1316** **4.99**

G **One-Piece Mini.** For cars with narrow fenders. Requires 13/16″ mounting hole. 31″ stainless steel whip. 54″ lead-in. Ideal for FM stereo. **12-1322** **6.99**

H **Antenna.** 31″ stainless steel for top cowl or fender mounting. Perfect for FM stereo. 48″ cable. **12-1329** **8.99**

Cables and Connector



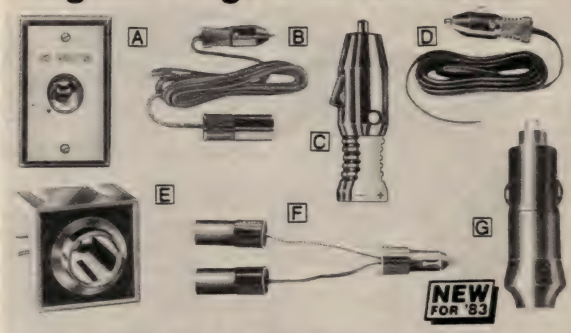
J **12-Ft. Inline Extension.** Built-in capacitor. **12-1311** **3.99**

K **24″ Inline Extension.** Male connector at one end, female at other. **12-1312** **1.49**

L **Universal 3-Way Connector.** Couples two antennas to one radio or one antenna to two radios. **12-1313** **1.99**

M **24″ Male/Male Extension Cable. 12-1314** **1.49**

Lighter Plugs & 12VDC Outlets



A **12V Outlet.** Add to RV, van or boat to power portable radios, TV, accessories. 15A. **270-1537** **3.99**

B **10-Ft. Extension Cord.** For powering accessories. Rated 8 amps. **270-1536** **4.99**

C **Lighter Plug.** Connects accessories easily. Fits standard lighter socket. 8A. **274-331** **1.09**

D **Lighter Plug With Cord.** 8A. **270-021** **2.19**

E **Accessory Outlet.** Power 12VDC-operated equipment. In or under dash mtg. **270-1539** **4.89**

F **2-Outlet Y-Adapter.** Power two 12VDC accessories from lighter. 8A. **270-1535** **4.99**

G **Heavy-Duty Fused Lighter Plug.** Requires 3AG fuse. Solder type. **274-335** **1.99**

Replacement Autosound Knobs

Low As 1.79 Set

NEW FOR '83

Two inner and two outer knobs for most car radios and tape/radio combos. Fit both "D" and split shafts.

A **Import.** Black finish. **274-425** . . . . . **Set 1.79**

B **Standard.** Chromed finish. **274-426** . . . . . **Set 2.99**

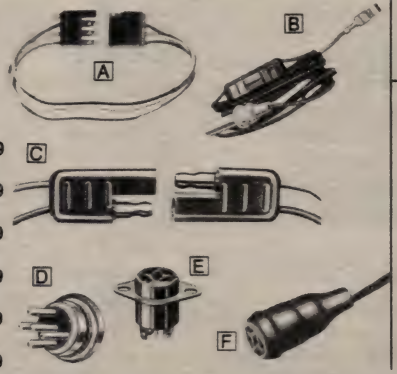
C **Low-Profile.** Chromed finish. **274-427** . . . . . **Set 2.99**

Magnet Utility Light

3.99 ***Magnet Holds Light Under Hood, Trunk Or Auto Body***

Ideal for night emergency repairs. Plugs into cigarette lighter. 12-ft. retractable cord. 12VDC. **61-2502** **3.99**

Automotive Connectors to Fill a Variety of Needs



A **4-Conductor Quick-Disconnect Cable.** For auto lights, accessories. Color coded. **270-027** **1.99**

B **4-Ft. Polarized Fused DC Cable.** Replacement for auto stereo, CB power cables. **270-025** **1.99**

C **Quick-Disconnect Plugs.** Polarized heavy-duty contacts. 12″ loop of wire, connectors. **270-026** . . . . . **.99**

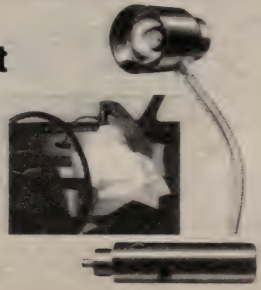
D **5-Pin Speaker/Power Plugs.** Fits Realistic and many other tape players. **274-1210** . . . . . **Pkg. of 2/.79**

E **5-Pin Chassis-Mount Sockets.** Accepts above plugs. **274-1212** . . . . . **Pkg. of 2/1.39**

F **5-Pin Inline Socket With Leads.** Mates with above, many speaker wiring harnesses. **274-1215** **1.39**

Flexible Map Light

Plugs Into Cigarette Lighter **3.99**



Now have light where you need it most! Compact—it stores in glove box. Flexible 5″ long neck, on/off switch. **61-2501** **3.99**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Versatile Electrical Accessories for Automotive Use

Multi-Use DC Auto Adapter Kit

Reduces 12 Volts to 6 or 9 Volts

Includes Four Different Types of Adaptaplugs **8.95**

Power portable equipment from your car, truck, RV or boat. Four different plugs fit almost all equipment with a DC power input jack. 6/9V switch. Reversible polarity. Up to 300 mA current. Fused. 6-ft. cord plugs into lighter socket. 12VDC negative ground only.
270-1561 ..... **8.95**

Auto Headlight Reminder

NEW FOR '83

5.95

Reminds You To Turn Off Auto Lights

Don't run down your battery! Leave your lights on and the Auto Headlight Reminder beeps for 10 seconds! LED flashes until you turn off your lights. Self-tapping screws and double-sided tape included. Installs easily in most cars with accessible fuse block. **270-110** **5.95**

Voltage Inverter

27.95

For Cars, Trucks And Imports

Use your 12VDC equipment in vehicles with 12VDC pos. gnd. or 6VDC neg. gnd. electrical systems. For radios, CBs, and tape players. Gives up to 3A. Fused. **22-129** **27.95**

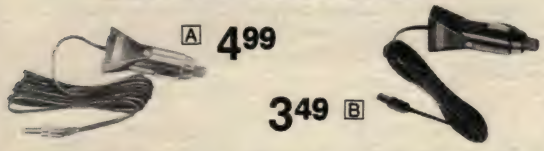
High Power 6-9-12 Volt Adapter

NEW FOR '83

12.95

For larger portable stereos, small TVs, VTRs. *Delivers 6V at up to ½ amp, 9V at up to 900 mA, and 12V at up to 3 amps.* Four-plug adapter fits most equipment requiring a coaxial power plug. Reversible polarity. Fused. LED "on" indicator. **270-1562** **12.95**

12VDC Power Cords



A **4.99**

B **3.49**

A **Heavy-Duty.** Ideal for TV and VTR use. Polarity tip positive, sleeve negative. Replaceable fuse. U.L. listed. **270-1534** **4.99**

B **Standard Power Cord.** For walkie-talkies, tape players, etc. Replaceable fuse. **270-1533** **3.49**

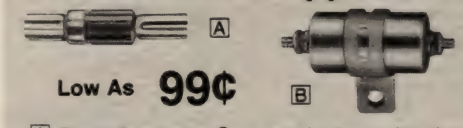
Auto Electrical System Analyzer

5.95

Check Your Battery And Charging System From Inside Your Car!

Spot problems before you get stranded! LEDs show condition of battery, alternator and regulator. Plugs into lighter socket. 12VDC neg. gnd. **22-1635** **5.95**

Vehicle Noise Suppressors



A

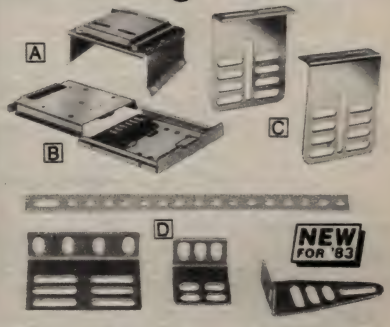
Low As **99¢**

B

A **Resistive type.** Cuts spark plug noise. Install in distributor. **270-012** ..... **99¢**

B **Capacitive Noise Filter.** Install inline. Rated 0.5µF, 40 amps, 60WVDC.
272-1085 ..... **4.29**

Mounting Brackets



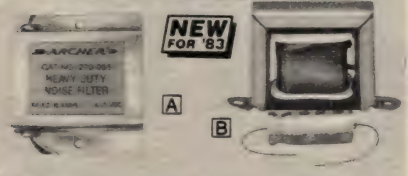
A **Floor Mount.** Two-piece slide-on/slide-off mount with electrical connectors, color-coded leads. 18-gauge steel.
270-018 ..... **8.95**

B **Underdash Mount.** Similar to above. Fits under dash. **270-016** **8.95**

C **Universal L-Brackets.** Fit most vehicles and equipment. Hardware included. **270-022** **Pair/2.49**

D **Universal Brackets.** Three different sets with back support/ground strap plus hardware. Black.
270-023 ..... **Set/2.99**

Radio Noise Filters



NEW FOR '83

A

B

A **Deluxe Filters.** Two L-C sections cut ignition/alternator noise in CB and Ham radios or stereos. Also use with boosters, equalizers.
10-Amp. 270-051 ..... **17.95**
5-Amp. 270-050 ..... **11.95**

B **Noise Eliminator Kits.** Each includes filter choke, capacitor and instructions.
Heavy-Duty. 270-030 ..... **4.39**
Standard. 270-020 ..... **3.29**

Stylish SPST Auto Panel Switches

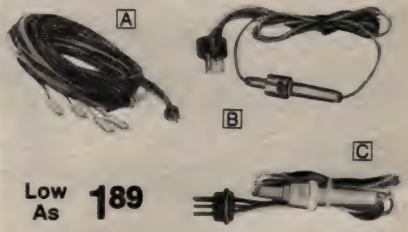
A **Dual Switch Panel.** Two switches rated 10A at 12VDC. Includes two 12V long-life lamps. Complete with mounting hardware. **275-707** **4.99**

B **Lighted Rocker Switch Panel.** Rated 20A at 12VDC. Long-life lamp. Quick-disconnect terminals. Mounting hardware. **275-704** **3.99**

C **Switch With Pilot Light.** Single 5-amp switch with 12VDC lamp assembly and red lens. Mounting hardware. **275-703** **2.99**

D **Double Under-Dash Type.** Two separate Toggle switches for auto circuits. Rated 5 amps at 12VDC. With hardware. **275-702** **2.79**

Car Stereo Cable Sets



A

B

C

Low As **1.89**

A **Cable Assembly.** Five-pin plug, with power leads, four 18-ft. color-coded speaker leads. Fused. **270-014** ... **5.49**

B **Universal.** Fits 4 or 5-pin sockets. Fused. **270-017** **2.39**

C **Standard.** Five-pin fused plug.
270-041 ..... **1.89**

Power Converters and Adapters for Home, Car, Travel

Micronta® 12-Volt DC Power Supplies

- *Convert 120VAC House Current To 12 Volts DC*
- *Ideal for Using Mobile CBs, Ham Rigs, Tape Decks and More At Home*

34.95

Regulated 12VDC Supply. Operates most 12 to 14-volt DC devices from 120VAC. Ideal for use with CB and Ham transceivers and as a test bench supply. 2.5 amps continuous load at 13.8VDC. 5-amp surge. On/off switch, LED "on" indicator, push-to-reset circuit breaker. Rugged metal cabinet. 2½ × 4½ × 6¾". U.L. listed. **22-124** **34.95**

26.95

Low-Cost 12VDC Supply. Similar to above but not regulated. Perfect for powering autosound equipment. 1.75-amp continuous load, 5-amp surge. Circuit breaker protected. U.L. listed. **22-127** **26.95**

Universal AC Adapter

Powers Most Portables That Have a Jack for External DC

9.95

- *For Portable Radios, Cassette Recorders, Hand-Held Games, Calculators and More*
- *Four Output Voltages With Reversable Polarity— 4.5, 6, 7.5 and 9VDC*

If you have a variety of battery-powered devices, you can save on batteries and the expense of buying different adapters. Includes four "Adaptaplugs"—mini-plug, submini plug and two "barrel-type" coaxial connectors (.085" and .097" I.D.). 6-ft. cord. U.L. listed. **270-1551** **9.95**

12VDC, 500-Milliamp AC Power Adapter

9.95

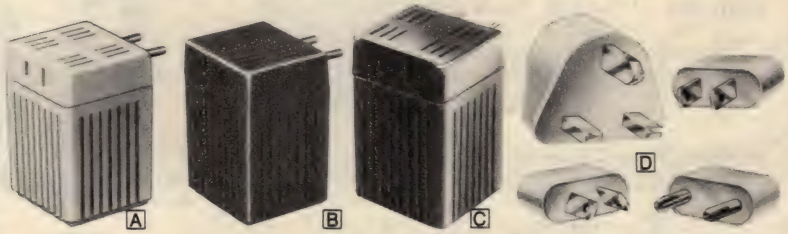
Converts 120VAC to 12VDC for hand-held Ham and CB rigs, many video games and large cassette portables. With mini-plug, three "barrel" connectors. U.L. listed. **273-1652** **9.95**

9VDC, 500-Milliamp AC Power Adapter

8.95

Converts 120VAC to 9VDC power required by many cassette recorders and portable radios, video games and more. With one "barrel" and one mini-plug. U.L. listed. **273-1651** **8.95**

Converters for Foreign AC Power



Low As **13.95**

- *Compact Size • Overload Protected*
- *Convert Foreign 220/240VAC to 110/120 VAC*
- *Use Your AC Appliances Throughout the World*

A **50-Watt Converter Transformer for Electronic Equipment.** Converts 220/240VAC to 110/120VAC to operate cassette recorders, radios, most photoflash units and battery rechargers, calculators and appliances up to 50 watts. 9½ oz. 1⅝ × 2⅝ × 1¼". With carrying pouch. **273-1401** **13.95**

B **1000-Watt Converter.** Allows use of 110/120VAC *non-motorized* heating appliances from 220/240VAC. For toasters, irons, curlers, curling irons, heating pads, electric blankets, steamers, contact lens sterilizers, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 3½ × 1½ × 1½". With carrying pouch. **273-1402** **14.95**

C **1600-Watt Converter.** Allows use of 110/120VAC heating appliances from 220/240VAC. For hand-held hair dryers with universal (AC/DC) motors, irons, electric blankets, steamers, contact lens sterilizers, manicure sets, immersion heaters, toasters, incandescent lamps and food/bottle warmers. 3 oz. 3½ × 1⅞ × 1⅞". With carrying pouch. **273-1404** **18.95**

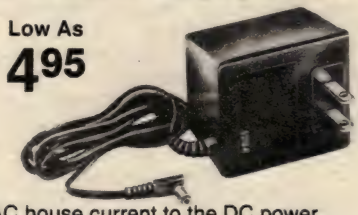
D **Plug Adapters (Set of 4).** Connect your foreign voltage converter to almost any wall outlet anywhere! With vinyl pouch. Must be used with one of the voltage converters, above. **273-1405** ..... **Set, 7.95**

IMPORTANT NOTE! These converters can NOT be used with clocks, TV sets, high-fidelity equipment, typewriters, hooded hair dryers, slide projectors or permanently installed equipment. Not for continuous use. Will NOT work with DC (direct current). 1600-watt and 1000-watt converters should NOT be used with transformer-operated devices.

AC Adapters for Radio Shack* Equipment

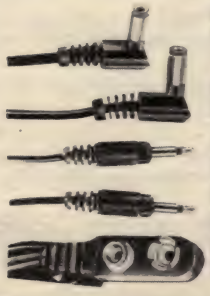
***And many other brands**

Low As **4.95**



- *Save Your Batteries! Use These Handy Adapters When AC Power is Available*
- *All Feature 6-Ft. Cords And Are U.L. Listed*

These compact modules convert 120VAC house current to the DC power required by most portable radios, tape recorders, calculators and many electronic games. To find the correct adapter, compare your device's power requirements and input connector with the list below.



9VDC at 300 Milliamps. Connector: Coaxial "barrel-type" plug, outside diameter (O.D.): 5mm, inside diameter (I.D.): 2.1 mm. **273-1455** **6.95**

6VDC at 150 Milliamps. Connector: Coaxial plug, O.D.: 5mm, I.D.: 2.1mm. **273-1454** **5.95**

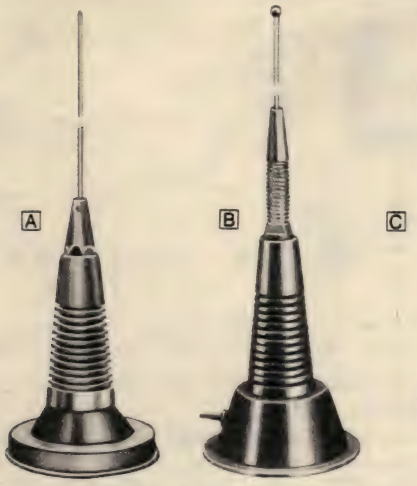
9VDC at 25 Milliamps. Connector: Submini-type phone plug. **273-1431** **4.95**

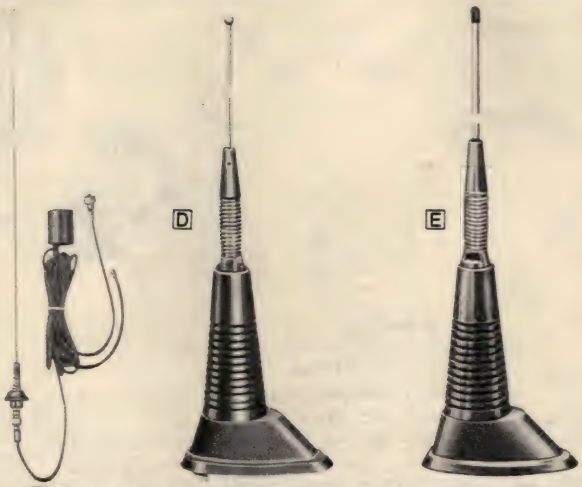
3VDC at 200 Milliamps. Connector: Submini-type phone plug. **273-1435** **4.95**

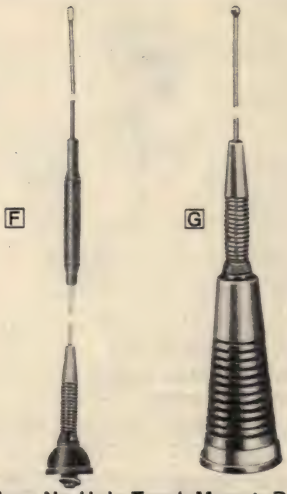
9V Battery Eliminator. Connector: Snap-type as used on 9V rectangular batteries. **270-1552** **4.95**

VISIT YOUR NEARBY RADIO SHACK FOR ASSISTANCE IN SELECTING THE RIGHT AC ADAPTER

Get Extra Range With an Archer® Mobile CB Antenna







A **Deluxe Magnet-Mount.** Mounts on any flat magnet-holding surface—no holes to drill! Low-loss coil form, heavy-gauge copper wire coil and 60″ whip provide improved performance and greater range. Heavy magnet holds securely at all speeds. With 16-ft. cable, connector. **21-960** **37.95**

B **Base-Loaded Magnet-Mount.** Mounts on any flat magnet-holding surface. Hardened stainless steel whip and heavy-duty shock spring for stability at highway speeds. Coil is sealed for long life. 16-ft. cable, connector. **21-940** **26.95**

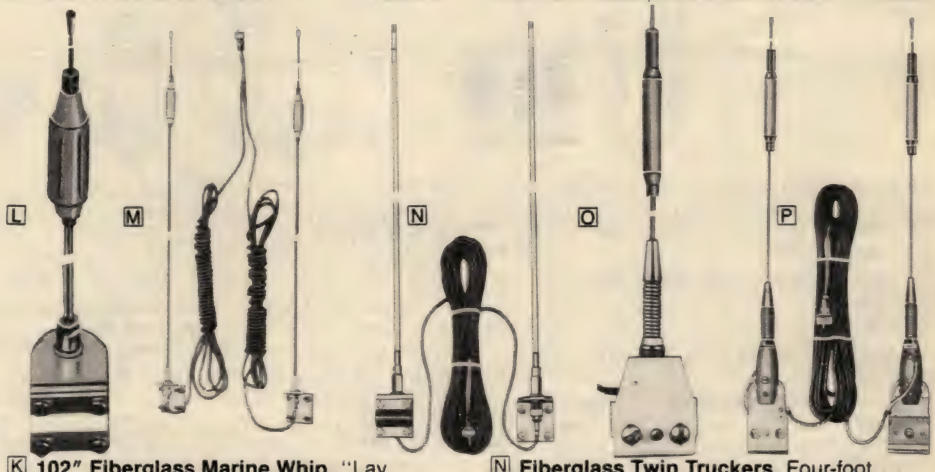
C **CB/AM/FM "Disguise" Antenna.** Combined auto radio and mobile CB antenna will mount in standard antenna hole, or wherever you choose. Tapered stainless steel whip. With 8½-ft. cable, 3-way splitter, connectors for CB and car radio, hardware. **21-990** **29.95**

D **No-Hole Trunk Mount.** Mounts on center or either side of trunk lid and secures with just two set screws. Easy cable entry. Has base loading coil, stainless steel shock spring and whip. Excellent performance. With 16-ft. cable and connector. **21-908** **26.95**

E **Fiberglass No-Hole Trunk Mount.** Rustproof—ideal for coastal areas and corrosive environments. Triple chrome-plated brass fittings on coil housing. With 16-ft. cable, connector. **21-926** **28.95**

F **"Shorty" Roof Mount.** Easy snap-in mounting. Center loading coil, stainless steel whip and shock spring, chrome-plated support tube. With 16-ft. cable, connector. **21-906** **23.95**

G **Stainless Steel Roof-Mount.** Easy snap-in installation. Whip adjusts for lowest SWR. With 16-ft. cable, connector. **21-904** . . . **26.95**



H **102″ Bumper-Mount Stainless Steel Whip Antenna.** Full quarter-wave length for maximum range on both transmit and receive. Adjustable dual chains and bracket fit most bumpers. Chrome-plated shock spring. With all mounting hardware. Cable, connector extra. **21-915** **26.95**

J **102″ Stainless Steel Whip Body Mount.** Full quarter-wave length for maximum range. Mounts on any flat surface with universal swivel ball mount, insulator and heavy backup plate. Hardened whip for long-lasting efficiency. Triple chrome-plated heavy-gauge steel shock spring. Cable extra. **21-1094** **23.95**

K **102″ Fiberglass Marine Whip.** "Lay down" feature for horizontal or vertical mounting on metallic or non-metallic surfaces. Ideal for fiberglass and wooden boats—no ground plane needed. 16 ft. cable. **21-912** **37.95**

L **Single Truckers II Antenna.** Heavy-duty mirror mount, oversize resonator, adjustable tip rod for tuning. With 10-ft. cable, connector. **21-941** **25.95**

M **Twin Truckers II Dual Antenna System.** Matched pair of antennas for strong front/rear signal pattern. Stainless steel, adjustable tip rods, oversize mounts. With 18-ft. dual-phasing coax harness. **21-942** **46.95**

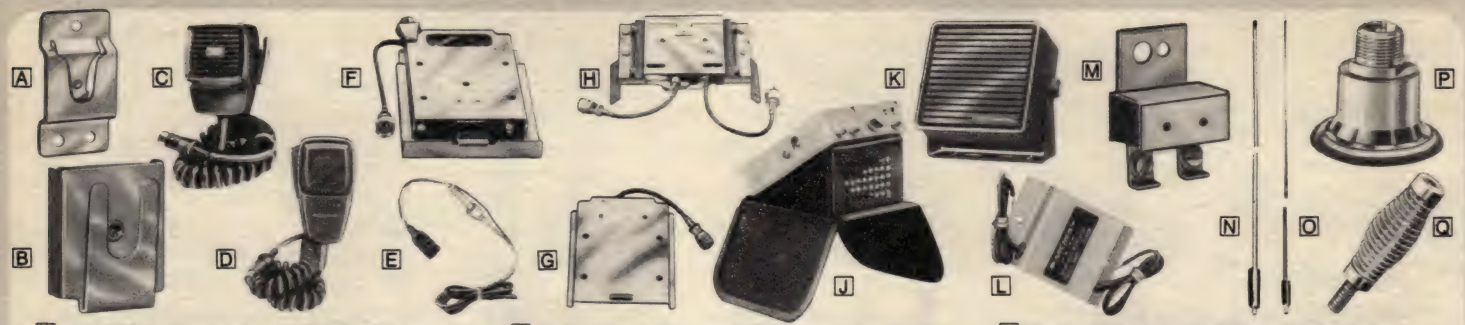
N **Fiberglass Twin Truckers.** Four-foot whips resist corrosion and provide improved front/rear performance. Mirror mounts. With 18-ft. dual-phasing coax harness. **21-945** **44.95**

O **Gutter Clamp Antenna.** Center loaded. Stainless steel spring and adjustable whip, chrome-plated support tube. 10-ft. cable. **21-909** **19.95**

P **Twin Fold-Down Gutter-Mount Antennas.** Fold down for overhead clearance. 28″-tall stainless steel whips and shock springs, adjustable tip rods. Provide excellent front/rear performance. With dual phasing coax harness. **21-946** **44.95**

SEE NEXT PAGE FOR OUR WIDE SELECTION OF CB ACCESSORIES

Mobile CB Accessories, Antennas, Replacement Parts



A **Mike Clip.** Mount with screws or instamount adhesive. **21-923** **1.29**

B **Magnetic Mike Holder.** No holes to drill, no hardware needed. **21-1130** **1.59**

C **Dynamic Mike.** Shielded coiled cord, DIN-type plug. **21-1172** **14.95**

D **Noise-Cancelling Mike With Preamp.** Assures 100% modulation, works as dynamic mike without battery. Requires 7V battery below. **21-1175** **26.95**
7V Battery. 23-601 ..... **4.59**

E **12VDC Replacement Power Cord.** 48" long with 3-pin plug, inline fuse holder. Requires 2-amp fuse. **21-550** **3.29**

F **Underdash Mount.** Female half attaches to CB, slides on or off male bracket mounted under dash. **21-566** **11.95**

G **Extra Mount for above.** Use same CB in two vehicles. **21-567** **5.49**

H **Floor Mount.** Same removal-insertion features as underdash mount, but designed for transmission hump. **21-568** **12.95**

J **Portable Hump Mount.** Attach CB to mount, position on carpeted transmission hump with hoop and loop hooks. **21-540** **16.95**

K **Extension Speaker.** 360° swivel base. 5 watts. 10 ft. cable, miniplug. 8 ohms. **21-549** **13.95**

L **Heavy-Duty Noise Filter.** Cuts ignition noise. Rated 5 amps. **270-050** **11.95**

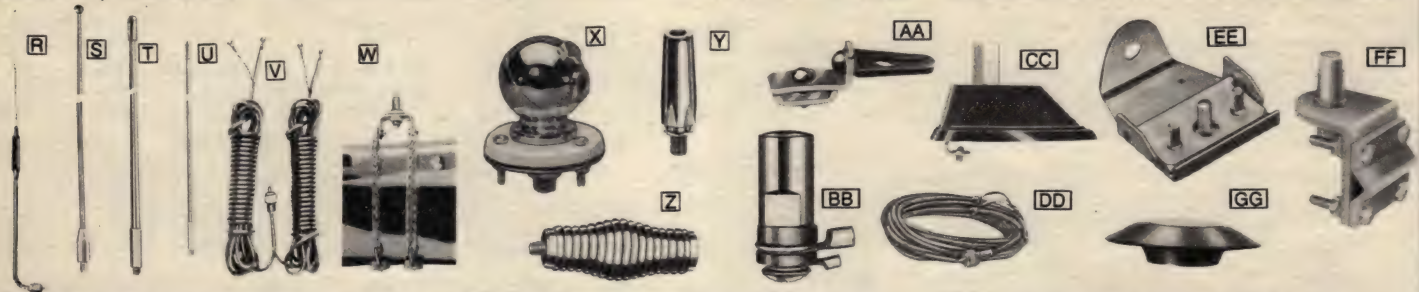
M **Noise Filter.** Cuts alternator or generator whine. **21-509** **8.49**

N **Stainless Steel Whip.** With adapter. Replaces 21-904, 908, 940. **21-952** **5.95**

O **Fiberglass Replacement Whip.** With adapter. Replaces 21-925, 926. **21-953** .. **6.95**

P **Snap-in Roof Mount.** Replaces base-loaded antennas. Req. ⅜" hole. **21-914** **6.95**

Q **Replacement Small Spring.** Heavy-duty stainless steel. **21-916** **5.49**



R **Back-of-Set Antenna.** Right-angle design connects into coax socket of your CB rig. Stainless steel upper. Center-loaded. PL-259 connector. **21-921** **8.95**

S **102" Stainless Steel Whip.** Replacement antenna. Standard ⅜"-24 stud. **21-903** **11.95**

T **102" Fiberglass Whip Antenna.** Similar to above. **21-905** **12.95**

U **4-Foot Fiberglass Whip.** Top-loaded to give better communication. ⅜"-24 thread. **21-934** **10.95**

V **Co-Phase Harness.** Connect two antennas to one transmitter. For Archer® and other base-loaded or whip antennas. **21-935** **11.95**

W **Dual-Chain Mount.** Fits most bumpers. Protective vinyl-chain cover. **21-910** **12.95**

X **Ball Mount.** For vertical or horizontal mounting mobile CB whip antennas. Chrome-plated ball, lug terminals. **21-1115** **8.95**

Y **Quick-Disconnect.** Remove antenna whip with a twist. Perfect for car washes or low-ceiling garages. ⅜"-24 stud. **21-958** **5.69**

Z **Steel Spring.** Chrome-plated. Removable ⅜" threaded stud. **21-1118** **8.95**

AA **Antenna Hold-Down Clip.** Clips to gutter. **21-917** **1.99**

BB **Mounting Hardware.** Standard ⅜"-24 female thread. Fits mounting plates up to ⅛" thick. Nickel-plated. **21-950** **4.29**

CC **No-Hole Truck Mount.** With ⅜"-24 thread for whip mounting. **21-922** **8.95**

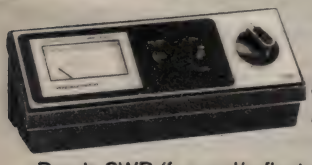
DD **Mobile Cable Assemblies.** 20 feet of RG58/U cable.
PL-259 Plug to Lugs. 278-966 ..... **6.39**
PL-259 Plug to Both Ends. 278-967 ... **6.39**

EE **Gutter Clamp.** For most antennas requiring ⅜" diameter hole. **21-911** **4.89**

FF **Mirror/Luggage Rack Mounting Bracket.** Accepts ⅜"-24 threaded whip antennas. **21-937** **7.95**

GG **Hole Plugs.** Covers ⅜" antenna holes. May be inserted from outside car. **21-920** ..... **Pkg. 2 for .59**

Field-Strength/SWR Meter

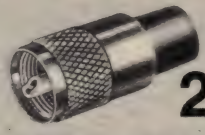


21.95

- *For Base Stations*
- *2 to 30 Mhz*

Reads SWR (forward/reflected) to 1 kW. Portable field-strength meter. 1⅞ × 6³⁄₁₆ × 2½". **21-525** **21.95**

Dummy Load



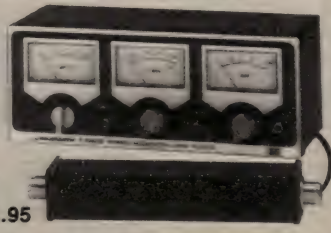
2.99

For CB, Ham-QRP testing. Non-inductive, 52 ohms, 5W. PL-259 connector. **21-628** **2.99**

Power/Modulation/SWR Meter

- *For Base Stations*
- *3 to 30 MHz*

39.95



Reads RF power 0-5W for CB, 0-50 and 0-500W for Ham rigs. Modulation: 1 to 120%. SWR checks antenna. Earphone jack. 3⅜ × 8¼ × 4½". **21-522** **39.95**

GET IT "ON CREDIT"—AMERICAN EXPRESS, MASTERCARD AND VISA HONORED AT MOST STORES

Really Reach Out—With a Radio Shack Base Station

High-Performance Base Station/Mobile

159.95

- *Channel 9 and 19 Priority*
- *On-the-Air/Modulation Lights*

Realistic Navaho® TRC-432. Compact, yet feature-loaded. Priority switch instantly cuts to channels 9 or 19. Includes hysteresis squelch, switched ANL/Noise blanker, big LED channel display, modulation light, lighted S/RF meter, headphone jack, crystal and ceramic filters. Add a PA speaker for public address. Jack for optional remote CB speaker. Includes AC and DC power cords, mobile bracket. U.L. listed. **21-1546** **159.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. **Adj. Chan. Rej.:** 70 dB at 10 kHz. **Audio Output:** 5W max. **RF Output:** 4W max. **Power Requirement:** 120VAC, or 12VDC pos. or neg. gnd. **Size:** 3 9/16 x 11 3/8 x 9 7/16".

Deluxe AM + SSB Base Station/Mobile

299.95

- *More Power, Range and Channels Than AM-Only CB*
- *Instant Access to Channel 9*

Realistic TRC-490. Single-sideband gives you extended signal reach, cleaner reception and 80 "extra" channels. Features lighted S/RF power output meter, big LED channel display, RF gain control, switchable ANL/Noise blanker, simultaneous PA operation/CB monitoring feature. Jacks for headphone, remote CB speaker and mobile PA speaker. With mike, mobile mounting hardware. U.L. listed. **21-1583** **299.95**

Sensitivity for 10 dB S + N/N: SSB 0.25 microvolt, AM 0.5 microvolt. **Adj. Chan. Rej.:** 70 dB at 10 kHz. **RF Output:** SSB 12W P.E.P. max. AM 4W max. **Power Requirement:** 120VAC, or 12VDC pos. or neg. gnd. **Size:** 4 x 11 1/2 x 13 1/2".

1/4-Wave Antenna

23.95

- *Beta-Matched for Low SWR on 40 Channels*
- *Omnidirectional*

High performance, rugged construction! Three 108" radials and 108" quarterwave vertical radiator. For masts up to 1" diameter. Static discharge arrestor. Accepts PL-259 connector. **21-901** **23.95**

Mast not included

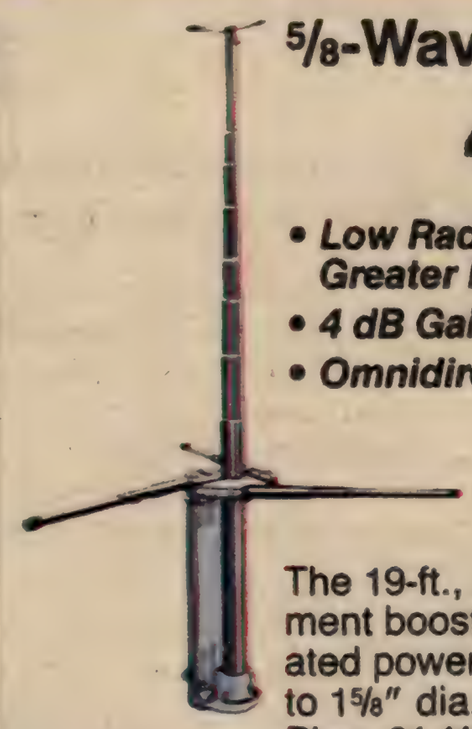
1/2-Wave Antenna

34.95

- *3.75 dB Gain*
- *Omnidirectional*

Multiplies effective radiated power for greater transmit range and cleaner reception. Three 52" radials, 16-ft. five-section aluminum radiator. For masts up to 1 5/8" dia. Accepts PL-259 plug. **21-902** **34.95**

5/8-Wave Antenna



46.95

- *Low Radiation Angle For Greater Range*
- *4 dB Gain*
- *Omnidirectional*

The 19-ft., 10-in. vertical element boosts effective radiated power. For masts up to 1 5/8" dia. Accepts PL-259 Plug. **21-1133** **46.95**

Antenna Tuner

10.95

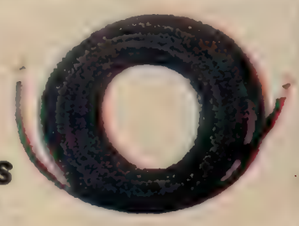
Matches base or mobile CBs to any 10 to 10,000-ohm antenna. **21-513** **10.95**

2-Position Antenna Switch

7.49

For CB or ham use. Change antennas without changing leads. **21-511** **7.49**

Base Station Cable Assemblies



Low As **4.29** *PL-259 Plugs At Each End*

Feet	Type	Cat. No.	Each
2	RG58/U	278-968	4.29
5	RG8/U	278-969	5.49
50	RG8/U	278-970	19.95
50	RG58/U	278-971	11.95

Regulated Power Supply

34.95

13.8VDC at 2.5A continuous. U.L. listed. 2 1/2 x 4 1/2 x 6 3/4". **22-124** **34.95**

You'll Never Drive "Alone" With Realistic® Mobile CB

With Unique "Nine-Scan" Circuit

159.95

- ***Built-In SWR Meter • RF Gain and Tone Controls***
- ***LED Channel Display • LED Modulation Indicator***

Realistic TRC-428. Nine-Scan lets you monitor both Emergency Channel 9 and any other channel—locks in on first signal received. It's like having two receivers! Switchable noise blanker plus ANL. Three-way switch selects built-in speaker, optional external speaker or both. PA/CB/Monitor switch. With lock-plug mike, mounting hardware. **21-1535** **159.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. **Adjacent Channel Rejection:** 80 dB at 10 kHz. **RF Power Output:** 4W max. **Size:** $2^{3}/_{16} \times 6^{5}/_{8} \times 8^{1}/_{2}$".

Channel 9 Priority and Tone Control

139.95

- ***Priority Puts You On Emergency Channel 9 Instantly***
- ***RF Gain Control Prevents Strong-Signal Overload***

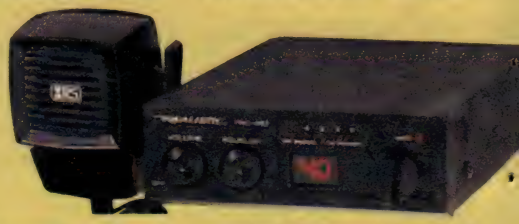
Realistic TRC-427. Big LED channel readout, LED modulation indicator, S/RF power meter, switched ANL, hysteresis squelch, switch for monitoring CB while using PA. Even has an LED indicator to warn of antenna problems. With lock-plug mike, mtg. hardware. **21-1534** **139.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. **Adj. Chan. Rej.:** 65 dB at 10 kHz. **Audio Output:** 5W max. **RF Output:** 4W max. **Size:** $2^{9}/_{16} \times 6^{5}/_{16} \times 8^{7}/_{16}$".

Full-Feature Budget Compact

69.95

Fits Under Most Dashes



Realistic TRC-410. Ultra-compact, yet has hysteresis-type squelch to cut signal "chopping," big LED channel display, LED S/RF meter, automatic noise limiter, ceramic filters to cut adjacent channel interference. With lock-plug mike, mounting hardware. **21-1504** **69.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. **Adjacent Channel Rejection:** 60 dB at 10 kHz. **Audio Output:** 6W max. **RF Output:** 4W max. **Size:** $1^{5}/_{8} \times 5^{1}/_{4} \times 7^{3}/_{4}$".

High-Performance Compact with PA

99.95

- ***Big Signal/RF Power Meter***
- ***Switchable Noise Limiter***

Realistic TRC-421A. LED channel display, hysteresis squelch, crystal and ceramic filters, switched ANL. External speaker jack for use as mobile PA. Lock-plug mike, mtg. hardware. **21-1502** **99.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. **Adjacent Channel Rejection:** 80 dB at 10 kHz. **Audio Output:** 5.5W max. **RF Output:** 4W max. **Size:** $1^{3}/_{8} \times 5^{1}/_{2} \times 9^{1}/_{4}$".

Channel 9 and 19 Priority Switch

119.95

- ***Monitors CB in PA Mode***
- ***Lighted S/RF Meter***

Realistic TRC-422A. Priority switch for instant access to Emergency Channel 9 or Highway Info Channel 19. Switched ANL, hysteresis squelch, crystal and ceramic filters. Jacks for external and PA speakers. With lock-plug mike, mounting hardware. **21-1503** **119.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. **Adjacent Channel Rejection:** 80 dB at 10 kHz. **RF Output:** 4W max. **Size:** $2^{1}/_{4} \times 5^{11}/_{16} \times 9^{15}/_{16}$".

Upgrade to High-Performance, Full Feature AM/SSB CB

199.95

- ***More Power, Range and Channels Than AM-Only CB***
- ***Lighted S/RF Meter • RF Gain Control***

Realistic TRC-451. SSB (single sideband) gets your message through with greater reliability—you get the regular 40 AM channels plus 80 sideband channels. Dual IF stages and crystal/ceramic filters reject adjacent channel interference, and a switchable blanker cuts impulse noise. Quartz PLL circuitry gives you frequency stability on all channels. LED dimmer control. PA switch lets you use public address system and receive CB calls at the same time. With adjustable mounting bracket, dynamic mike. **21-1565** **199.95**

Sensitivity for 10 dB S + N/N: SSB, 0.25 microvolt; AM, 0.5 microvolt. **Adjacent Channel Rejection:** 70 dB at 10 kHz. **Image Rejection:** 85 dB. **RF Power Output:** SSB, 12W P.E.P max; AM, 4W max. **Size:** $2^{1}/_{4} \times 7^{1}/_{4} \times 9$".

REALISTIC MOBILE CB TRANSCEIVERS OPERATE ON 12 VOLTS DC, POSITIVE OR NEGATIVE GROUND

Complete "Road Emergency" CB 2-Way Radio System

Powerful, Compact, 2-Way Radio Features Channel 9 Priority Switch! Gets You in Touch in Seconds, Brings Help in Just Minutes!

NEW FOR '83

Quick and Easy 3-Step Setup! **99.95**

① **Extend Telescoping Antenna and Place Magnetic Base On the Roof, Trunk or Hood of Your Car**

② **Plug 12VDC Power Adapter into Cigarette Lighter Socket**

③ **Select Desired Channel and You're On the Air—Get Instant Information on Road Conditions, Report Traffic Accidents Or Call for Emergency Assistance**

Call for Help Without Leaving Your Car

Realistic TRC-411. Enjoy peace of mind wherever you travel! Compact and incredibly easy to use, yet features all 40 CB channels, full 4-watt power output, and an emergency switch that takes you instantly to Channel 9, the CB emergency frequency. Large, easy-to-read LED channel display, built-in mike and speaker, LED transmit and channel 9 indicators. Local/distant receiving range control eliminates signal "chopping." Store the system in its vinyl travel case—only 3¾ × 12¾ × 7 1/16" and fits in trunk or under the seat. With external antenna jack, 10-foot antenna cord. Ready to use in any vehicle with 12VDC neg. gnd. **21-1505** **99.95**

Our One-Hander® Mobile CB Puts All the Controls Right in Your Palm!

- ***Space-Saving Design is Ideal for Today's Smaller Cars and Pickups***
- ***Mounts Under Dash, Under Seat, in Glove Compartment—Or in Trunk With the Optional Cable***

149.95

All Controls In Handset!

- **Speaker/Mike**
- **Transmit Button**
- **Channel Selector With LED Display**
- **Volume/On-Off**
- **Variable Squelch**

Realistic TRC-429. More convenient to operate and safer to use because the controls are built right into the microphone! Lighted channel indicator with fast rotary up/down channel selector. Automatic noise limiter reduces interference, dual MOSFET eliminates cross-modulation. Ceramic filters cut adjacent channel noise. Handset/internal/external speaker switch, jack for external speaker. Includes mounting hardware. **21-1536** **149.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. **Adjacent Channel Rejection:** 60 dB at 10 kHz. **RF Power Output:** 4 watts max. **Size:** 1⅝ × 5¼ × 7½".

U.S. Pat. No. 4,032,844

NEW FOR '83

Extension Cable

16½ feet long for mounting in trunk. Easy plug-in hookup. **29.95**

SEE RADIO SHACK'S COMPLETE LINE OF CB ANTENNAS AND ACCESSORIES

High-Power CB Walkie-Talkies Keep You in Touch!

NEW FOR '83

40 Channels! 5 Watts!

Ready to Use On All Channels! No Crystals to Buy!

Our Best!

139.95

Push-to-Talk Mike Plugs Into TRC-210 (optional extra)

Carry Case Included

4.95 Value!

U.S. Patent No. 4,291,421

- ***Easy-to-Read LED Channel Readout***
- ***Unique Range-Boost Antenna System***
- ***Hi-Lo Power Battery-Saver Switch***

Realistic® TRC-210. Ideal for camping, fishing, construction sites—wherever reliable portable communication is needed! Phase-locked loop synthesizer for crystal-controlled transmit and receive on all 40 channels. Range-Boost antenna system extends signal reach on both transmit and receive. Battery/RF meter, adjustable squelch, separate speaker and electret condenser microphone. Jacks for adding an external speaker, earphone, antenna, hand mike, and battery charger. 10 × 3½ × 2½". Requires eight "AA" or ten rechargeable batteries or DC adapter. **21-1661** **139.95**

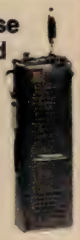
6 Channels 5 Watts

99.95

Push-to-Talk Mike Plugs Into TRC-208 (optional extra)

Carry Case Included

4.95 Value!



Realistic TRC-208. Automodulation and gain controls, Range-Boost antenna system. Battery/RF meter, Hi/Lo power-saver switch, jacks for external speaker, antenna, hand mike, battery charger. With Ch. 14 crystals—add optional extra crystals for up to five more. 10¼ × 3½ × 2½". Requires eight "AA" or ten rechargeable batteries or DC adapter. **21-1651** **99.95**

3 Channels 3 Watts

59.95

Realistic TRC-206. Automodulation, Range-Boost and center-loaded antenna for extra "talk power". Squelch control, LED battery-test and modulation indicators, jacks for external antenna and charger. With Ch. 14 crystals—add optional extra crystals for two more. 9¾ × 3⅜ × 3". Requires eight "AA" or ten rechargeable batteries. **21-1635** **59.95**

3 Channels 2 Watts

49.95

Realistic TRC-201. Automodulation for maximum "talk-power", Range-Boost antenna system for extended signal reach. Squelch control, separate speaker and condenser mike, battery-test LED. With Ch. 14 crystals—add optional extra crystals for two more. 10¼ × 3⅛ × 2½". Requires eight "AA" or ten rechargeable batteries. **21-1630** **49.95**

Walkie-Talkie Accessories

A Flexible Antenna
For loaded and standard antennas. Clamps with one screw. **21-980** **7.95**

B Battery Charger
Charges 12-15V nickel cadmium batteries. Use with 21-1605, 1630, 1635, 1651 and 1661. Plugs into 120VAC. U.L. listed. **21-516** . . . **6.95**

C 12VDC Car Power Cord
Power your walkie-talkie from your lighter socket. Neg. gnd. only. 8-ft. fused cord. **270-1533** **3.49**

CB Transmit/Receive Crystals

Channel	Cat. No.	Pair
5	21-1205	4.98
7	21-1201	4.98
9	21-1202	4.98
11	21-1207	4.98
19	21-1219	4.98
30*	21-1230	4.98
35*	21-1235	4.98

*Only for equipment FCC Type Accepted for use on any of the 40 CB channels.

Two-pack includes one receive and one transmit. Channels not listed may be Special-Ordered (except synthesizer crystals).

ALL REALISTIC WALKIE-TALKIES ARE FCC TYPE ACCEPTED FOR USE ON ANY OF THE 40 CB CHANNELS

Know What's Ahead With Micronta® Radar Detectors

Dual-Conversion Superhet —Our Best!

Available Dec. 30, 1982 NEW FOR '83 **219.95**

- ***Detects X and K Signals Three to Five Times Farther Than Conventional Types—Even Around Corners and Over Hills***
- ***Illuminated Signal-Strength Meter Indicates Relative Distance to Source of Radar***
- ***Hi/Lo Sensitivity Switch With Variable Fine-Adjust Control***

Micronta Road Patrol XK Dual-Conversion Superheterodyne. Maximum performance, sleek styling—the finest detector we've ever offered! Double superhet circuit assures optimum selectivity—eliminates "falsing" from out-of-band signals. Switch for light and/or buzzer warning. Selectable buzzer delay. Small size (1 × 4⅞ × 5″) allows easy installation on dash, windshield, even on the sun visor with brackets provided. Also includes double-sided adhesive tape and hook-and-loop tape for almost any mounting situation. Power cord fits lighter outlet of all 12VDC neg. gnd. vehicles. **22-1607** **219.95**

Two-Outlet Y-Adapter. Power your detector and another accessory from one lighter socket. **270-1535** **4.99**

The Lowest-Cost Long-Range Superhet

NEW FOR '83 **159.95**

Available Oct. 15, 1982

- ***Superhet Circuit Reduces "Falsing", Improves Sensitivity***
- ***Selectable Buzzer And/Or Warning Light***

Micronta Road Patrol XK Single-Conversion Superheterodyne. Picks up all types of radar, including pulse, moving and hand-held "gun" units. Variable sensitivity control permits adjusting to city or highway driving. Compact—mount on dash, windshield or visor. With double-side tape, hook-and-loop tape, visor mounting brackets. 1½ × 4½ × 3⅞″. 12VDC neg. gnd. **22-1606** **159.95**

Low-Priced "Go Anywhere" Radar Detector

NEW FOR '83 **79.95**

- ***Compact Size—Mounts Easily On Windshield or Dashboard***
- ***Warning Flasher and Audible Signal Pulse Increase in Rate When Approaching Radar***

Micronta Road Patrol XK. Spots moving and stationary "X" and "K" band signals at extended range. LED power indicator. 12VDC neg. gnd. 1¾ × 3⅛ × 4⅝″. With mounting pedestal, self-sticking adhesive. **22-1605** **79.95**

Not offered where sale is prohibited by law. Use may be regulated by state or local law.

Realistic CB Walkie-Talkies for Every Use and Any Budget!

Ⓐ **3 Channels 300 mW 29.95**

Ⓑ **3 Channels 1 Watt 39.95**

Realistic— CB Leader Since 1959

- ***Channel 14 Transmit/Receive Crystals Included***
- ***Durable High-Impact Cases With Wrist Straps***
- ***Built-In Telescopic Antennas***

Ⓐ **Realistic TRC-85.** Value-priced! Features a battery-test button with LED indicator, side-mounted volume/on-off and push-to-talk controls for easy one-hand operation. Add optional crystals for two more channels. 8¾ × 3 × 1⅞″. Requires six "AA" batteries. **21-1607** **29.95**

Ⓑ **Realistic TRC-83.** Extra power and features for more serious users. Adjustable squelch, volume control, battery-test button with LED indicator, separate speaker and mike, battery-charger jack. Add optional crystals for two more channels. Requires eight "AA" batteries. 9¾ × 3⅜ × 2¾″. **21-1605** **39.95**

Ⓒ **Realistic TRC-84.** Just right for scouts and young outdoorsmen. Superhet receiver, volume control, combination speaker/mike. Requires 9V battery. 6⅜ × 3 × 1¾″. **21-1606** **19.95**

1 Channel 100 mW

Ⓒ **19.95**

All Are FCC Type Accepted for Use on Any of the 40 CB Channels

Electronic Clocks—Accuracy You Can See *and Hear*

Exclusive VoxClock™ Talking Clock "Tells" You the Exact Time

59.95

- ***Attractive, Compact Cube***
- ***Announces Time Hourly, Or When You Press Time Button***

Just press the button and a voice tells you the time—hour and minute, followed by "a.m." or "p.m."—it seems like magic! Inside this handsome little cube is an accurate quartz-controlled timekeeper plus the very latest computer technology—an electronic speech synthesis circuit. No moving parts! Easy-to-set recessed controls on the bottom. Select high or low volume, and turn the hourly time announcement on or off. Sides are finished in beautiful simulated walnut grain, accented by a brushed aluminum top with chromed edges. A thoughtful gift for a friend or relative with impaired vision. 2⅜ × 2⅞ × 2⅞". Requires three "AA" batteries. **63-902** **59.95**

A Sensational Gift! The Amazing Clock You Don't Have To See!

Digital Alarm Clocks With Battery Backup

BATTERY BACK-UP

Even if AC Power Fails, You'll Be On Time! Battery Backup Operates Clock, Without Display, At Least 8 Hours and Alarm for 10 Minutes!

NEW FOR '83

Available Oct. 15, 1982

Ⓐ **34.95**

Ⓐ **Dual Display Alarm.** Two displays let you see the present time and alarm time simultaneously! Features 0.9" LED time display, 0.3" LED alarm display, snooze control, 24-hour alarm, hi/lo brightness, and PM indicator. Battery Backup system keeps clock running and powers alarm in case of power failure. Battery Sentinel™ warns of weak battery, or battery not installed. 4¼ × 8¾ × 2½". U.L. listed. **63-777** **34.95**

New Low Price

Ⓑ **29.95**

Was $34.95 in 1982 Catalog

Ⓑ **Jumbo LED Alarm.** Big 1.8" display is easy to read from across the room! Features slow/fast time and alarm setting, snooze control, 24-hour alarm, hi/lo brightness, PM and "alarm" indicators, Battery Backup and Sentinel. 4⅛ × 8⅝ × 2½". U.L. listed. **63-825** **29.95**

Ⓒ **Deluxe LED Digital Alarm.** The 0.9" display has PM and "alarm" indicators. Snooze control, 24-hour alarm, automatic display brightness, Battery Backup and Sentinel. 3 × 6⅞ × 4¼". U.L. listed. **63-827** **24.95**

Ⓒ **24.95**

Ⓓ **Dual Alarm/Calendar.** "His" and "hers" alarm settings allow two separate wakeup times without resetting! 0.7" LED display has hi/lo brightness and PM indicator. Read month and date or time. 24-hour alarm, Battery Backup and Sentinel. 2½ × 6½ × 3½". U.L. listed. **63-776** **24.95**

Ⓔ **Fluorescent Display Alarm.** Fluorescent 0.6" display is easy to read—even in bright light! Features AM and PM indicators, 24-hour alarm, snooze control, automatic brightness, hour/minute time setting, Battery Backup and Sentinel. Attractive simulated woodgrain finish. 2⅛ × 5½ × 3". U.L. listed. **63-753** **19.95**

Ⓕ **LED Digital Alarm.** Distinctive styling, fit-anywhere size and a low price! 0.7" digits with PM and "alarm" indicators, 24-hour alarm, snooze control, Battery Backup and Sentinel. 2⅛ × 5½ × 3". U.L. listed. **63-826** **14.95**

All clocks above require a 9V battery for the Backup feature.

Ⓓ **24.95**

Ⓔ **19.95**

Available Oct. 30, 1982

NEW FOR '83

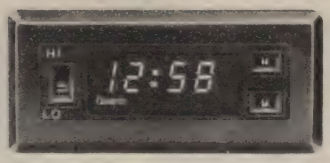
New Low Price

Ⓕ **14.95**

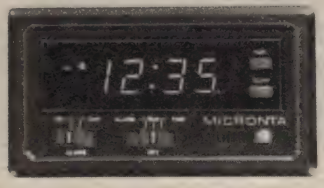
Was $18.95 in 1982 Catalog

Take a Radio Shack Clock Everywhere You Go!

A **29.95** *With Tach and Headlight Warning*



B **New Low Price** **17.95** Was $19.95 in 1982 Catalog



C **New Low Price** **24.95** Was $27.95 in 1982 Catalog

Accurate Quartz Clocks for Vehicles

A **Fluorescent Car Clock With Tachometer and Headlight Warning.** Built-in tach for monitoring engine performance—works with 4, 6 or 8-cylinder gasoline-powered vehicles. Warning light and buzzer alert you when headlights are left on. Accurate quartz-controlled time. Display dims automatically for night driving and blanks when ignition is off. Controls for hour/minute time setting. 1⅞ × 3⅝ × 1½". **63-837** **29.95**

B **LED Mini Clock.** High-contrast display adds beauty and convenience to vehicles. Hi-Lo brightness control, blanks when ignition is off. 1½ × 3½ × 1⅜". **63-833** **17.95**

C **Fluorescent Car Clock With Alarm.** Easy-to-read display dims automatically for night driving and blanks when ignition is off. 24-hour alarm and recessed fast/slow alarm and time-set. 1⅞ × 4 × 1⅝". **63-834** **24.95**

NOTE: Micronta vehicle clocks operate on 12VDC pos. or neg. gnd. (except #63-837, neg. gnd. only). All include complete instructions and hardware for mounting in or under dash of most vehicles.

Micronta® Quartz Alarms—Ideal Travel Companions

New Low Price

21.95 Was $24.95 in 1982 Catalog

Deluxe Travel Alarm. Fits in pocket, purse or briefcase! LCD display features AM, PM, and "alarm" indicators. Backlight for night viewing, snooze control. Durable molded case folds to 3 × 3⅛ × 1¹⁄₁₆". With battery. **63-702** **21.95**

Available Oct. 30, 1982

NEW FOR '83 **12.95**

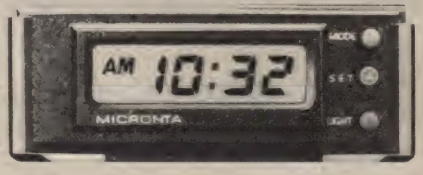
Micro LCD Travel Alarm. Compact for easy fit. Prominent display with backlight. Snooze button, hour/minute time-set, loud, crisp alarm, swing-out stand, AM and PM indicators. 1½ × 2¼ × ⁷⁄₃₂". With battery and vinyl carry pouch. **63-704** . . **12.95**

New Low Price

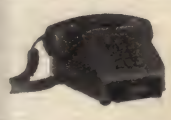
12.95 Was $14.95 in 1982 Catalog

Mini Quartz Alarm. Tiny, yet features luminous hands, sweep second hand, rear time and alarm controls. Durable molded housing. 2¼ × 2¼ × 1⅛". Requires "AA" battery. With fitted carry pouch. **63-715** **12.95**

LCD "Anywhere" Clock



Mount It Anywhere **15.95**



Slide-in bracket and double-sided tape makes for easy mounting on car or boat dash, TV set, computer, stove, wall—anywhere! Features liquid crystal digital display with AM and PM indicators, and switchable backlight. 1¼ × 3⁹⁄₁₆ × ⁷⁄₁₆". With battery. **63-836** **15.95**

A **19.95**

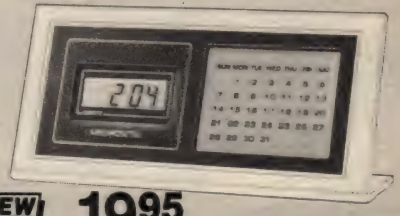
B **19.95**

Cordless Quartz Clocks Look Great on Your Wall

A **Cordless Wall Clock.** Large numerals and hands for easy reading across a room—and no power cord to restrict placement or mar appearance of your wall! Quartz controlled for accuracy. With sweep second hand. Operates up to one year on "C" battery (not incl.). 10 × 10 × 2½". Handsome simulated walnut trim. **63-801** **19.95**

B **Round Cordless Wall Clock.** Big 7½" diameter, with large hands and numerals for easy reading, plus sweep second hand. Quartz controlled for accuracy. Operates up to one year on "AA" battery (not incl.). **63-802** **19.95**

LCD Quartz Desktop Clock With Calendar



NEW FOR '83 **19.95** Available Sept. 30, 1982

LCD Desk Clock/Calendar. Very handsome—adds style to any desk! Brushed aluminum case with gold and dark brown finish, and mounted on a clear stand. The 0.5" display reads hour and minute, or date. Interchangeable calendar plates show any month. Time-set buttons on rear. Quartz controlled for accuracy. 3½ × 7⅝ × 1¾". Requires "AAA" battery. **63-727** **19.95**

Style and Reliability—Micronta® Quartz LCD Watches

Ⓐ **39.95** Ⓑ **29.95** Ⓒ **24.95** Ⓓ **24.95** Ⓔ **17.95**

Ⓐ **Calculator/Watch.** Eight-digit 4-function calculator, mineral lens, dual time, calendar, 1/100 sec. stopwatch with lap time, 24-hour alarm. **63-5054** **39.95**

Ⓑ **Slim Chrono-Alarm Watch.** Thin metal case and band, day/date display. 1/10 sec. stopwatch, mineral lens, 24-hour alarm, chimes on the hour. **63-5053** **29.95**

Ⓒ **Lady's Watch.** Shows hours and minutes, or month, date, day. Adjustable band, mineral lens. **63-5052** **24.95**

Ⓓ **Chronograph or Alarm Watch.** Select 24-hour alarm or 1/100 sec. stopwatch, backlighted, mineral lens. **63-5051** **24.95**

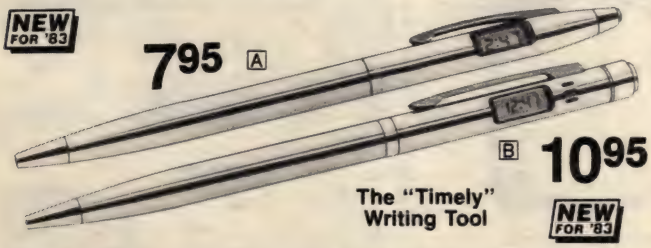
Ⓔ **Sport Watch.** Shows hours/minutes, or month/date, internal stopwatch with lap and total timing. **63-5007** **17.95**

All Include Batteries, Backlighted Displays

Pens With Built-In LCD Digital Watches

NEW FOR '83

7.95 Ⓐ



Ⓑ **10.95**

The "Timely" Writing Tool

NEW FOR '83

- ***Uses Standard "Parker-Size" Refill • Slim, Stylish***
- ***Accurate to One Minute Per Month • Each Includes Battery***

Ⓐ **Watch Pen.** Now you can have the time at your fingertips! Displays hours, minutes and seconds or month and date. **63-5075** **7.95**

Ⓑ **Watch Pen With Alarm.** Just set alarm to remind you of your important appointments. Displays hours/minutes/seconds or month/date. Chimes on each hour. **63-5076** **10.95**

Biofeedback Monitor—Learn to Relax

14.95

- ***"Hear" Your Body React to Stress***
- ***Sensitivity Control***

Attach the two sensors to your fingertips, then listen to a tone that rises when you're under stress and drops as you relax. Detects changes in skin resistance. Also fun for "lie detector" games. Built-in speaker, earphone jack, instruction manual. Requires 9V battery. **63-675** **14.95**

Light and Moisture Meter For Growing Healthier Plants

NEW FOR '83

7.95

- ***Self-Powered***
- ***Probe Holder***

Meter switches from light to moisture readings instantly. Pointed probe for easy insertion even in dry soil. 28-page manual with readings for hundreds of plants. 6½ × 1½ × 1". **63-685** **7.95**

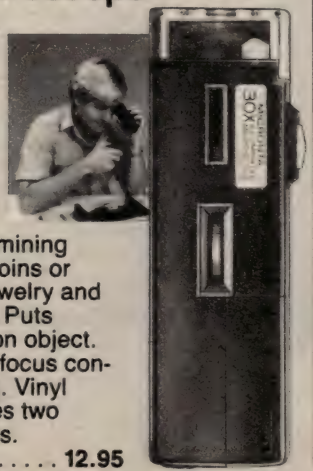
Coiled Cord Extends To 36"—Easy to Use Even With Hanging Plants

Deluxe Illuminated 30X Microscope

NEW LOW PRICE

12.95

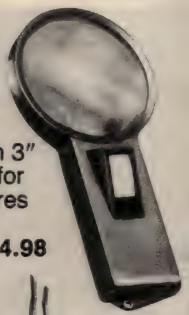
Was $19.95 In 1982 Catalog



Great for examining stamps and coins or working on jewelry and microcircuits. Puts light directly on object. Thumbwheel focus control. 5½" long. Vinyl case. Requires two "AA" batteries. **63-850** **12.95**

Dual-Power Lighted Magnifier

4.98



Read diagrams and type with 3" main lens, use 1" inset lens for greater magnification. Requires two "AA" batteries. **63-848** **4.98**

Solar Cigarette Lighter

1.99 ***Flameless!***

Parabolic mirror lights cigarettes in seconds without fuel or flint. Wind actually helps! Carry pouch. **61-2797** **1.99**

Micronta® Timers Really Put You in Control of Events

"Pro" LCD Quartz Stopwatch

34.95

- *Weighs Only 2 Ounces*
- *Audible Signals*

Audible signal indicates start/stop/lap/reset. Display shows up to nine hours, 59 minutes, 59 and 99/100 seconds. Accurate to 1/100 sec. Includes manual and battery. **63-5008** **34.95**

LCD Quartz Chronograph

29.95

- *Includes Neck Cord*
- *Great for Runners*

Big 0.4" Display. Time to 59 minutes, 59 and 99/100 seconds. Lap and total time. Reads hour/minute/seconds or month/date/day. Includes battery, manual. 2 9/16 × 3 1/2 × 3/4". **63-5009** **29.95**

24-Hour Digital Electronic Timer

NEW FOR '83 **29.95**

- *Precise On-Off Timing*
- *Programmable Memory*
- *Instant On-Off Override Switch*

Solid-state circuit for highly accurate control. Use with stereo system (as an alarm clock), coffeemaker, lamps. Built-in clock has 0.6" LED display and 9V battery (not incl.) backup to maintain timer memory during power failures. Polarized plug/outlet for safety. Rated 15 amps. 2 1/2 × 5 1/2 × 3 1/4". U.L. listed.
63-886 ..... **29.95**

24-Hour AC Timers

Control almost any appliance. Use with lamps for an "at home" look that deters burglars. Time TV, radios, recorders, small appliances. Plug timer into AC, plug device into timer, set timing dial. U.L. listed.

Compact Plug-In Timer

8.95 ***Cordless—Plugs Directly in Outlet***

2 1/2 hours minimum ON time, 21 1/2 hours maximum ON time. 4 3/4 × 2 3/4 × 1 1/4". Rated 15A, 1875W. **63-862** **8.95**

Multiple Program Timer

11.95 ***Leaves One AC Outlet Exposed***

Plug-in type, features 24 programming tabs. 23 hours maximum ON time, one hour minimum ON time. 4 × 2 × 1 1/4". Rated 15A, 1875W. **63-864** **11.95**

Multi-Program Tabletop Timer

15.95

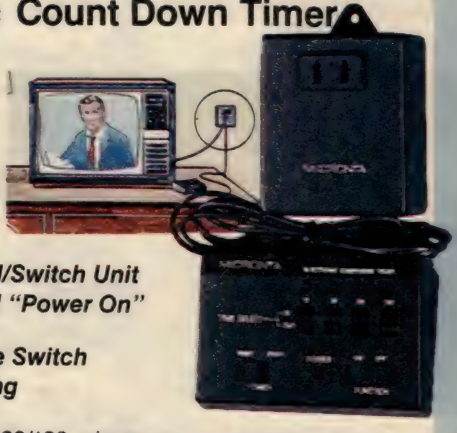
Up to 12 On-Off Functions Every 24 Hours

23 hours maximum ON time, 1 hour minimum ON time. Override switch allows you to turn on or off without changing program tabs. Rated 15A, 1875W. 2 3/4 × 4 × 3".
63-865 ..... **15.95**

Silent Electronic Count Down Timer

Turns Off TV or Other Appliances Automatically After Preset Interval

NEW FOR '83 **19.95**



Available Nov. 15, 1982

- *Separate Control Panel/Switch Unit*
- *"Time Remaining" and "Power On" LED Indicators*
- *Instant On-Off Override Switch*
- *Totally Electronic Timing*

Turns on or off after 15/30/60/120 minutes or any combination up to three hours and 45 minutes. Six-foot connecting cord. Handles 10 amps at 125VAC. Switch unit, 3 × 2 1/2 × 2", control unit, 1 1/4 × 3 7/8 × 2 3/8". U.L. listed. **63-895** **19.95**

Programmable Light Timer With Computer Memory

24.95

- *Solid-State—No Motor to Wear Out*
- *Retains Memory During Brief AC Failure*
- *Repeats Up to 48 Selections*
- *Easily Replaces Standard Wall Switch*

Simple to program—just use as an ordinary light switch for 24 hours. "Rapid Program" lets you program for 24-hour period in advance. "Variable" feature automatically varies on/off times, to fool burglars. Gives your house an "at home" look when you're not. 500 watts, incandescent only. U.L. listed. **63-875** .. **24.95**

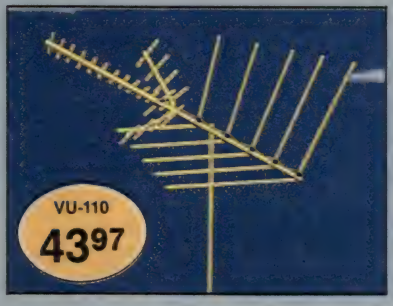
ARCHER®

Color Supreme II

Three Antennas In One! VHF • UHF • FM

Get Visibly Better Pictures in Any Area!

VU-190, VU-160 and VU-120 Include Cradle-Mount Assembly (See Page 85)



Receive TV Channels 2 Through 83, Plus FM, With One Antenna

High-Tensile-Strength Aluminum for Long Life, Weather Resistance

UHF Yagi and Corner Reflector Combination For Strongest Reception Of UHF Channels 14-83

Snap-Out Brackets For Easy Installation

Air-Insulated Multiple Drive System

Square Boom With Specially Designed No-Tilt Clamp

Extra-Heavy, High-Impact Molded Insulation

- *Gold Alodized® Finish Fights Corrosion—Keeps Antenna Working and Looking Like New*
- *60° "Swept-Design" VHF Elements in Triangular Alignment Aid Signal Pickup and Transfer, Withstand Strong Winds and Icing*
- *Pre-Assembled—Install It Yourself and Save*

Radio Shack is able to offer you these spectacular values because we manufacture our own antennas here in the USA. Our dynamic Color Supreme II Series features 60° wide-swept elements that capture more signal. They make colors "come alive" and sharpen black-and-white pictures, even on "hard-to-get" channels. And, if you own a stereo system, these antennas also provide the FM signal you need for full stereo channel separation and cleaner sound. Factory pre-assembled, you can install one in no time. There's a Color Supreme to fit your needs.

Choose the Color Supreme That Meets Your Reception Needs

Archer Model	Range in Miles*			Boom Length	No. of Elem.	Cat. No.
	VHF	UHF	FM			
VU-190	190	120	100	160″	48	15-1646
VU-160	160	100	100	140″	40	15-1645
VU-120	120	90	90	120″	35	15-1644
VU-110	110	90	90	100″	30	15-1643
VU-90	90	70	70	80″	25	15-1642
VU-75	75	50	50	50″	17	15-1641
VU-60	60	40	40	40″	13	15-1640

Signal Splitter Included!

$3.99 Value

Separate VHF-UHF-FM Outputs, Only One Down-Lead Required

*ESTIMATED RANGES, BASED ON RECEPTION OVER FLAT, OPEN TERRAIN—MASTS NOT INCLUDED

Color Eagle II

Custom-Design Archer® Antennas For VHF-TV and FM

• Gold-Alodized to Fight Corrosion • Strong Square Boom

Color Eagle II antennas are engineered specifically for VHF-TV channels 2 through 13, plus FM stereo or mono. Air-insulated multiple drive system and 60° "Swept-Wing" design increase signal pickup. Self-locking snapout elements. Rustproof lead-in terminals. Pre-assembled for quick, easy installation.

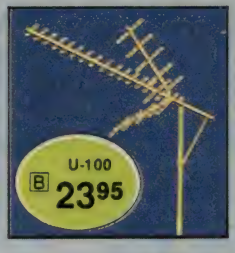
Archer Model	Range in Miles* VHF	Range in Miles* FM	Boom Length	No. of Elem.	Cat. No.
V-185	185	110	160″	34	15-1654
V-110	110	80	80″	14	15-1652
V-90	90	60	50″	10	15-1651
V-60	60	40	30″	6	15-1650

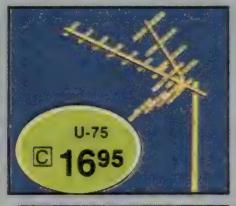
Cradle-Mount Assembly

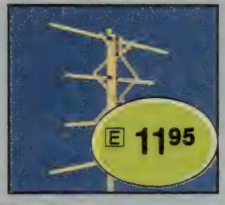
Included with twin-boom Archer antennas (VU-190, VU-160, VU-120, V-185 and "Stereo Supreme"). Makes installation safe, fast and easy!

UHF

Specially Designed for TV Channels 14 Thru 83







A U-120 Corner-Reflector Yagi—Up to 120 Miles*. 33 elements, 100″ square boom, gold-alodized finish. **15-1662** **34.95**

B U-100 Corner-Reflector Yagi—Up to 100 Miles*. 25 elements, 80″ square boom, gold-alodized finish. **15-1661** **23.95**

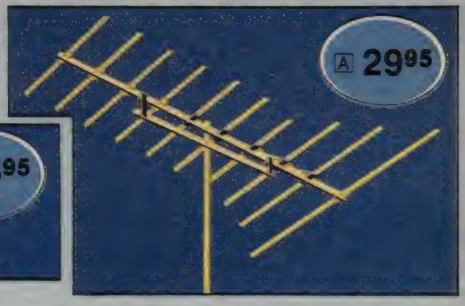
C U-75 Corner-Reflector Yagi—Up to 75 Miles*. Narrow pattern, 16 elements, 40″ boom. Alodized finish. **15-1660** **16.95**

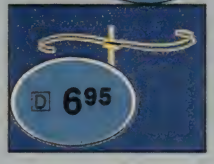
D Corner Reflector—Up to 50 Miles*. Cuts airplane "flutter." **15-1629** **10.95**

E Multi-Bay "Bow Tie"—Up to 70 Miles*. 30″ boom. **15-1627** **11.95**

FM

Archer FM Antennas for Better Stereo Reception





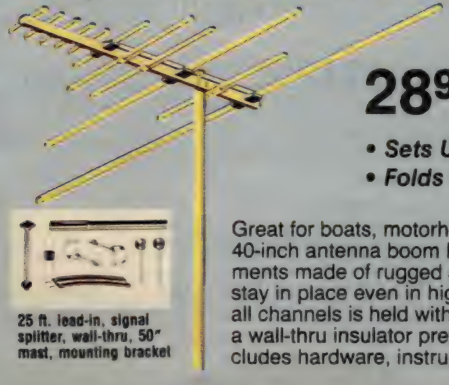
A "Stereo Supreme" Directional—Up to 75 Miles*. Ten triple-drive elements for maximum multipath rejection. 120″ long, square boom. Pre-assembled. **15-1638** **29.95**

B Triple-Drive Six-Element Directional—Up to 110 Miles*. High gain to bring in distant stations clearly. **15-1636** **16.95**

C Omnidirectional Outdoor—Up to 50 Miles*. Pre-assembled. **15-1639** **11.95**

D Omnidirectional Attic/Outdoor—Up to 35 Miles*. Pre-assembled. **15-546** **6.95**

Complete VHF/UHF/FM Mobile Antenna Package



25 ft. lead-in, signal splitter, wall-thru, 50″ mast, mounting bracket

28.95

No Extras To Buy

• Sets Up Quickly and Easily
• Folds Down Flat for Travel

Great for boats, motorhomes, trailers. The 40-inch antenna boom has 14 snap-lock elements made of rugged aluminum alloy—they stay in place even in high wind. One lead-in for all channels is held with standoff insulators, and a wall-thru insulator prevents water leaks. Includes hardware, instructions. **15-1613 . . . 28.95**

Mobile VHF-TV Antenna For Your Vehicle

29.95

Heavy-Duty Chrome-Plated Dipole Mounts on Rain Gutter or Window

Outperforms Built-In Antennas

Use this antenna to enjoy TV reception on channels 2 through 13 in your car, limo, truck or van. Easy to install—mounting hardware and instructions included. **15-1610 . . . . . 29.95**

*ESTIMATED RANGES, BASED ON RECEPTION OVER FLAT, OPEN TERRAIN—MASTS NOT INCLUDED

Archer® Indoor Antennas for Great TV/FM Reception

Color Supreme III—Our Best Indoor Antenna For UHF/VHF/FM

NEW FOR '83

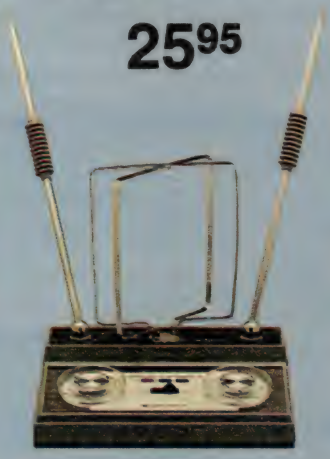
32.95

- *12 Position Fine-Tuning For Sharp Pictures*
- *Antenna Unit Rotates—Base Stays in Place*

Designed to clear-up "snow" and "ghosts" even in difficult reception areas. Improves stereo FM, too. Phasing control for best VHF viewing and dial to rotate *both* UHF and VHF antennas for sharp, clear reception. **15-1824** **32.95**

Color Supreme II UHF/VHF/FM

25.95



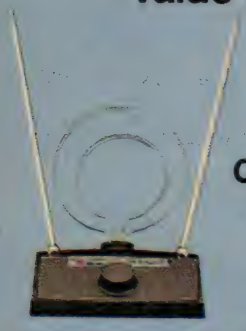
12-position fine-tuning control. Quality-built, dual loops for UHF reception, with base-dial for rotation adjustment. Helps cut "snow" and "ghosts". **15-1816** **25.95**

Color Eagle II UHF/VHF/FM

19.95

Satin-brass VHF dipoles and dual UHF loops. Phasing switch reduces "ghosts". Color-coded leads for easy hook-up. Improves FM. UHF/VHF/FM selector switch. **15-1809** **19.95**

Value-Priced Antennas Pull in the Signals—Better Than Built-Ins



14.95

Color Eagle UHF/VHF Antenna

Phasing switch cuts "ghosts". Four-section, satin-chromed VHF dipoles, dual UHF loops. Color-coded leads. **15-1810** **14.95**

9.95

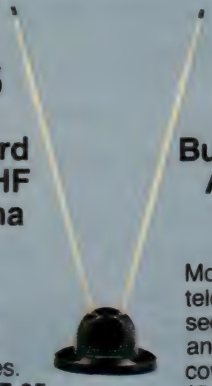
Deluxe UHF/ VHF Antenna

Multi-position fine-tuning switch for optimum reception of signals. Brass-plated VHF dipoles. **15-1818** . . . **9.95**

7.95

Standard UHF/VHF Antenna

12-position fine-tuning. Telescoping, stainless-steel dipoles. Single UHF loop. **15-628** . . . **7.95**



3.99

Budget VHF Antenna

Modern-look, telescopic three-section dipoles, anti-tip felt-covered base. **15-958** . . . **3.99**

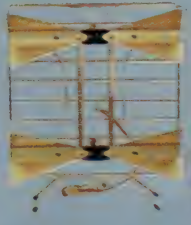
Back-of-Set VHF Antenna

5.49

Installs in Minutes

Mounts out of sight behind most TV sets. Telescopic 30″ dipoles. **15-1804** **5.49**

Upright UHF Twin Bow-Tie Antenna

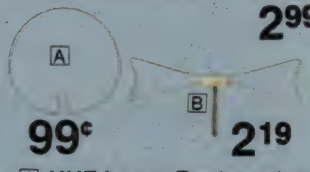


8.95

Outperforms Built-In Loops

Gold-color bow ties, brass-plated reflector grid. Vinyl feet won't mar. With lead. **15-623** **8.95**

Replacement Antennas



99¢

2.19

2.99

A **UHF Loop.** Replace that bent or lost loop. **15-233** . . . . . **99¢**

B **UHF Bow-Tie.** Snaps on VHF rod, connects to UHF terminal. **15-234** **2.19**

C **VHF Rod.** Replaces broken rods. 38″ long. **15-232** **2.99**

FM Stereo Supreme Antenna

11.95

Cuts FM drift, improves selectivity and channel separation. Fine-tuning knob. **15-1822** . . . **11.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

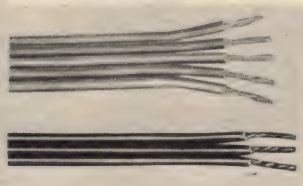
Archer® TV Accessories—Get the Best Performance

Aim Your Antenna for the Best Picture

59.95

Rotate Your Antenna to Any Direction For The Best Signal From Each Station

Archerotor®. Just dial any direction on control box— antenna follows automatically! Precision-aims your antenna for best picture and sound of every TV or FM station within range. Minimizes ghosts and interference, maximizes signal strength. Indicator shows antenna direction. Motor braking action resists antenna directon changes due to high winds. Accepts 1¼ to 1¾" diameter masts. U.L. listed AC operation. Requires three-conductor rotor cable (see table below). **15-1225** **59.95**



20-Gauge Rotator Cable

No. of Leads	Length in Ft.	Cat. No.	Per Roll
3	50	15-1149	4.49
3	100	15-1150	7.79
5	100	15-1201	9.95

Indoor 4-Set UHF/VHF/FM Amplified Couplers

Select 300 or 75-Ohm Unit to Match Your Existing Antenna

37.95

Drive up to four TV/FM sets from one antenna. 8 dB gain on VHF/FM, 6 dB gain on UHF at each output. Use indoors. With hardware, manual. U.L. listed AC operation.

300-Ohm Output. 15-1120 . . . . . **37.95**

75-Ohm Output. 15-1121 . . . . . **37.95**

Mast-Mount UHF/VHF Amplifier For TV, FM, FM Stereo

44.95

75/300-Ohm

- ***Boosts All TV & FM Signals***
- ***Improves Signals in Fringe Areas, Sharpens Pictures***

Resists overload on strong signals. Does not amplify interference picked up by down-lead. Typical gain: VHF/FM, 18 dB; UHF, 16 dB. With instructions, mounting hardware. Our best Archer cable recommended. U.L. listed AC operation. **15-1134** **44.95**

Archer Indoor FM Amplifier

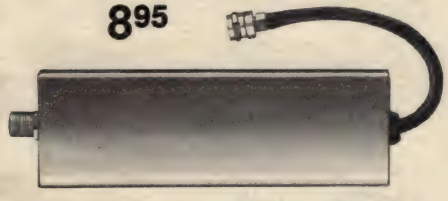
24.95

Delivers Increased Signal for Improved Stereo Listening

Improves the signal strength to help you pull in those weak, hard-to-get, distant FM stations. Brings your FM stereo to life. Installs at FM receiver. Provides 18 dB gain. For 300 or 75-ohm receiver inputs. U.L. listed AC operation. **15-1122** **24.95**

TV/FM/VCR Interference Filter

8.95



This nine-element high-pass LC filter prevents interference from CB, Ham or AM broadcast transmitters. Install at 75-ohm coaxial input of TV/FM or VCR.

15-580 . . . . . **8.95**

TV Interference Filters

A **5.95** B **1.99**

A Attenuates interference from CB, Ham transmitters. For use with 300-ohm TV/FM inputs. **15-581** **5.95**

B Reduces or eliminates appliance and neon light static. **15-582** **1.99**

Filters to Enhance Reception

A **5.95**

B **6.95**

A **Color TV "Ghost Eliminator".** For clearer pictures. Adjusts for UHF and VHF. **15-1114** **5.95**

B **AC Interference Filter.** Cuts most electrical noise. Polarized plug & socket. U.L. listed. **15-1110** **6.95**

Improve Performance With Archer® TV/VTR Accessories

A VTR/TV Antenna Splitter. Provides 75-ohm output for VHF and 300-ohm output for UHF and FM from 75-ohm input. **15-1252** **4.95**

B VTR/TV Antenna Splitter. Provides 75-ohm output for VHF and 300-ohm output for UHF/FM from 300-ohm input. **15-1251** **4.95**

C VTR/TV Signal Splitter. One 75-ohm VHF/UHF input splits to two 75-ohm VHF/UHF outputs. **15-1292** **4.95**

D VTR/TV Signal Splitter. One 300-ohm VHF/UHF input splits to two 75-ohm VHF/UHF outputs. **15-1293** **4.95**

E VTR/TV Matching Transformer. Provides 75-ohm output from 300-ohm input. **15-1253** **2.99**

F VTR/TV/FM Switch. Input 75-ohm—output 75-ohm. Select videotape recorder, VHF/TV, cable TV or FM. A/B switch lets you choose. Switch is reversible. **15-1254** **4.95**

G TV Game/Computer Switch. Use video games and computers with any TV—without rewiring each time. For 300-ohm antenna line and 300-ohm TV input. **15-1255** **3.99**

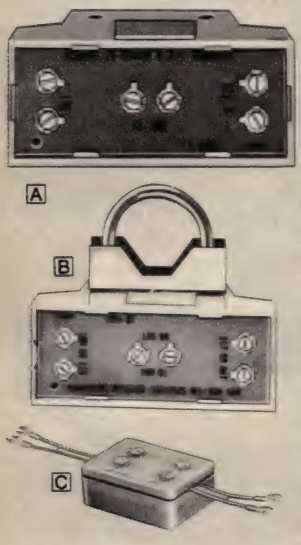
H 3-Position Universal Switch. Select TV antenna, cable or video player. Or use to play through one, two or three sets. Standard "F" fittings. **15-1256** **6.95**

J Terminating Resistor. "F" type ½-watt 5% terminator. Terminate unused tap-offs to prevent signal from bouncing back. For VHF, UHF, and VHF/UHF systems. **15-1144** **2/1.99**

K 6 dB Attenuator. 75-ohm male to female. **15-1258** **1.99**

L 6 dB Attenuator. 75-ohm female to female. **15-1257** **1.99**

You Can Add Sets or Combine Leads With Splitters and Couplers

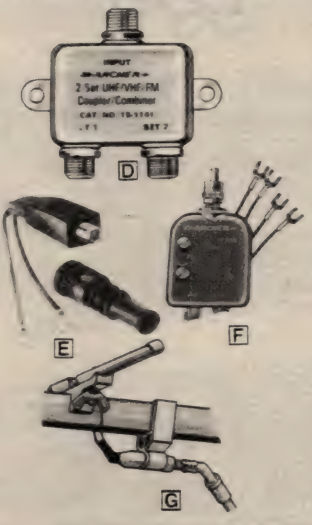


A Indoor Multi-Set Couplers. Drive up to four TV/FM sets from one antenna in strong signal areas. 300-ohms. Insta-mount.
2-Set. 15-1501 ..... **2.29**
4-Set. 15-1502 ..... **2.59**

B Indoor/Outdoor Couplers. Combines two antenna outputs for one 300-ohm downlead.
2-Set. 15-1135 ..... **3.59**
4-Set. 15-1136 ..... **4.59**

B Combiner/Splitter. Combines the outputs of a UHF and VHF antenna into one downlead or splits a single downlead into UHF/VHF outputs indoors. 300-ohms. **15-1137** **3.95**

C Indoor Splitter. Three outputs (UHF/VHF/FM) from one 300-ohm downlead. Insta-mount.
15-1138 ..... **3.99**



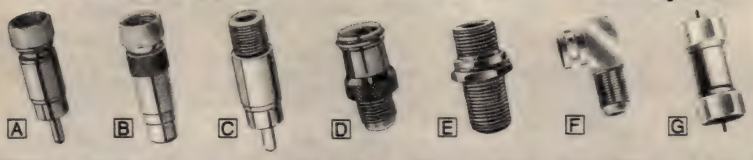
D 75-Ohm 2-Set Coupler/Combiner. Splits a single 75-ohm downlead to two UHF/VHF outputs or reverse to combine outputs of a UHF and VHF antenna into one 75-ohm downlead.
15-1141 ..... **4.95**
4-Set Coupler. 15-1142 ..... **7.95**

E Indoor/Outdoor Matching Transformer. Matches 300-ohm antenna to 75-ohm shielded downlead at antenna or reverse to transform 75-ohm downlead to 300-ohms at set.
15-1140 ..... **2.79**

F Indoor Transformer/Splitter. Separate 300-ohm UHF/VHF/FM outputs from single 75-ohm shielded downlead. Insta-mount. **15-1139** **4.99**

G Antenna Mounted Cable Conversion Kit. 300- to 75-ohm coax transformer mounts on antenna boom with special clip. **15-1143** **3.99**

Wide Selection of Connectors and Adapters



A Male "F" Connector to RCA-Type Phono Plug. 278-253 ... **1.79**

B Female RCA-Type Phono to Male "F" Connector. 278-255 ..... **1.95**

C Female "F" to RCA-Type Phono Plug. 278-252 ..... **1.59**

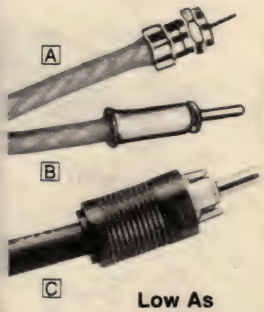
D Female "F" Screw-On to Male "F" Push-On. 278-218 ..... **99¢**

E F-81 Coupler. Couples two coaxial assemblies which terminate in "F" connectors. **278-213** ..... **89¢**

F Right Angle "F" Connector. 278-221 ..... **1.89**

G Male "F" to Male "F" Connector. 278-219 ..... **1.59**

TV and VTR Coax Cable Assemblies



Low As
2.49

A "F" connector on each end.
2-Foot. 15-1533 ..... **2.49**
4-Foot. White. **15-1529** **2.89**
8-Foot. 15-1530 ..... **3.49**

AB "F" connector on one end, Motorola-type on other.
8-Foot. 15-1528 ..... **3.49**
16-Foot. 15-1531 ..... **4.79**
26-Foot. 15-1534 ..... **5.99**

C 6-Foot VTR Video/Audio Cable. Phone plug on each end.
15-1535 ..... **3.99**

Video Add-Ons for Extra Enjoyment and Convenience

Stabilizer/RF Modulator for a Steady Picture From Your VCR

- *Eliminates "Roll and Jitter" From Prerecorded Videotapes*
- *Audio and Video Outputs for Adding A Second VCR to Your System*

59.95

NEW FOR '83

Simply connect between your TV and video cassette recorder to get rid of annoying picture roll on prerecorded movies. Adjust the lock control until the picture steadies, then leave it in that position for the remainder of the tape—no other adjustments required. You can also use it to adapt your TV receiver to accept direct video and audio inputs from any video component—add an image enhancer to improve tape playback and off-the-air viewing, or connect your camera, portable VCR or computer directly to your TV. Switchable Ch. 3/Ch. 4 output. Brushed aluminum case. 2 x 6½ x 6⅝". U.L. listed AC operation. **15-1271** **59.95**

Simplify Your TV Component System With This Handy Video Selector

Saves Time And Trouble

You'll Love It!
The Solution to Video Confusion, And a Must for Any Video System!

NEW FOR '83

39.95

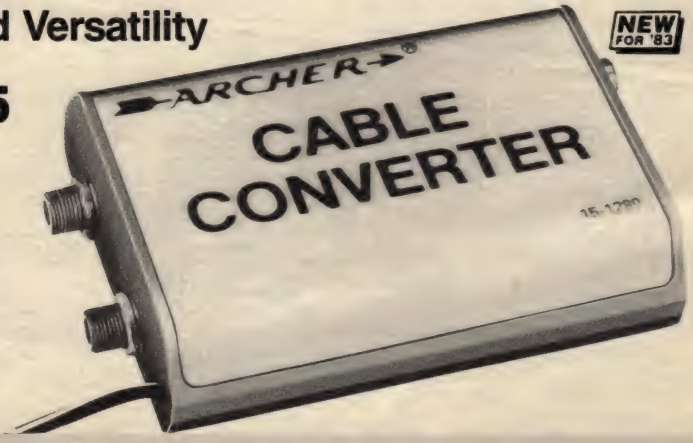
- *Switch Between Up to Five Video Inputs*
- *Outputs for Up to Two TV Sets And/Or Video Tape Recorders*

No more disconnecting and reconnecting cables every time you want to switch video components! Connect a TV antenna, cable TV, a TRS-80 or other computer, video game, VCR, plus a video disc player or Pay-TV. Direct the input you select to TV set for viewing and/or VCR for taping. TV and VCR outputs, inputs for antenna, CABLE, VCR, Aux-1 and 2. Simulated walnut finish. 2 x 8⅞ x 4½". **15-1261** **39.95**

Low-Cost Cable Converter for Added Versatility

- *Receive All Cable Channels on UHF*
- *Record One Channel While Watching Another*
- *Restores Full Remote Control Capability*

49.95

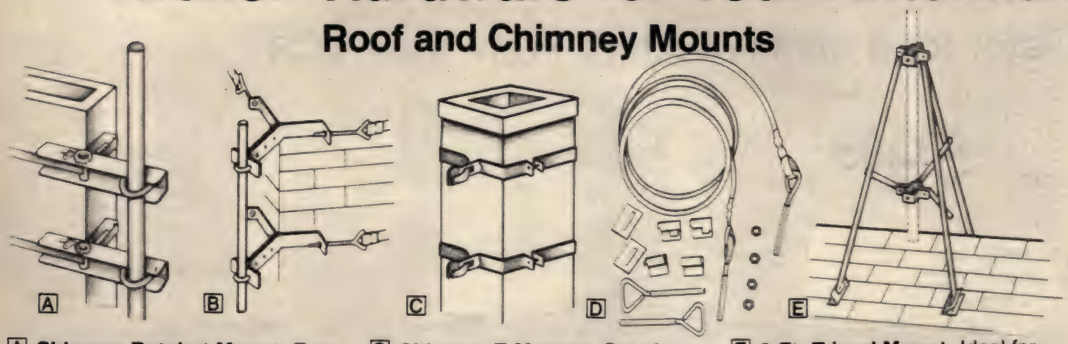


NEW FOR '83

Get the most out of your cable system! Get clear reception of the mid and super-band channels used by many cable companies, and record and view mid and super-band channels simultaneously. And, since all channel switching is done using your TV, you can retain remote control functions! Converts mid and super-band channels to UHF, feeds them to UHF tuner of TV and/or VCR. Converts up to 36 channels: VHF 2 through 13, mid-band A through I, super-band J through X. No controls to adjust. 1¼ x 5⅛ x 3¼". U.L. listed AC operation. **15-1280** **49.95**

Archer® Hardware for Your Antenna Installation

Roof and Chimney Mounts



A Chimney Ratchet Mount. Fastens 1" to 1¾" antenna mast to chimney. Two stainless steel straps, each ¾" x 18 ft. **15-839** **11.49**

B Chimney Corner Mounts. Two stainless steel straps, each ⅝" x 10 ft. Attaches mast to chimney with two Y-mounts. **15-527** **7.69**

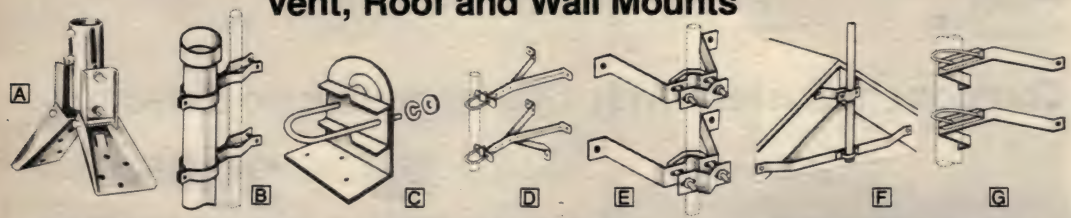
C Chimney Z-Mounts. Set of two. Keeps mast away from chimney and holds it securely. Each mount has ⅝" x 10 ft. galvanized steel strap. **15-476** **6.49**

D Strap Kit. Two 25-ft. stainless steel straps for replacement or add-on use. **15-801** **8.49**

E 3-Ft. Tripod Mount. Ideal for high-wind areas! Preassembled. Fits slope of almost any roof. Accepts mast up to 1¾" diameter. Installs easily on flat and peaked surfaces. **15-516** **13.95**

5-Ft. Heavy-Duty Tripod. **15-517** **23.95**

Vent, Roof and Wall Mounts



A Base and Roof Mount. Mast locks into exclusive U-bolt. Swivel base fits slope of any roof. Heavy-gauge steel. **15-889** **4.79**

B Vent Pipe Mount. Just attach brackets to vent pipe and clamp mast into place. Ideal where chimney mounting is impossible or undesirable. Fits 2" to 5" vents. **15-893** **3.99**

C Mast Anchor (Universal Mount). For roof, attic, or window mounting of up to 1½" dia. masts. Must be guyed for roof and window mounts. **15-888** **1.49**

D Pair of 12" Wall Mounts. Holds mast 12" away from wall. Fits up to 1½" mast. **15-885** . . **7.49**

E 4" Wall Mounts. Holds mast 4" away from wall. **15-883** **2.19**

F Eave Mount for Trim Boards or Hanging Rafters. Eliminates drilling brick or masonry. Has 48" lower member. For medium pitched roofs. For masts up to 1½" diameter. **15-891** **8.99**

G 6" Heavy-Duty Wall Mounts. Heavy gauge for long-lasting mount. Extends 6" out from wall. For masts up to 2½" dia. **15-890** **7.99**

Guy Wire and Hardware

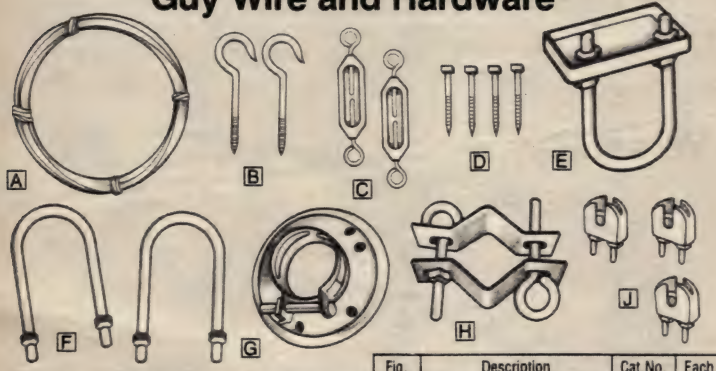
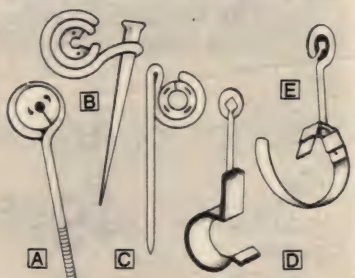


Fig.	Description	Cat.No.	Each
A	50 Ft. Galvanized Steel Wire	15-030	1.19
A	100 Ft. Galvanized Steel Wire	15-031	2.19
A	40 Ft. Plastic-Coated Steel Guy Wire	15-037	2.29
B	2 Guy Wire Anchors	15-825	.69
C	2 Guy Wire Turnbuckles 6" open, 4" closed	15-829	1.49
D	Set of Four Hex Lag Bolts, ¼ x 2½" for Heavy-Duty Mounting	15-833	.69
E	U-Bolt and Clamp	15-826	.79
F	2 U-Bolts With Nuts	15-830	.79
G	1¼" Guy Ring and Collar	15-835	1.09
H	Guy Wire Mast Clamp With Bolts	15-827	.89
J	3 Guy Wire Clamps	15-850	.99

Stand-Off Insulators



Keep your lead-in secure in wind, rain or snow—prevent lead-in movement which causes static and noise.

Fig.	Description	Cat.No.	Each
A	4—3½" Wood Screw	15-853	.69
A	4—6½" Wood Screw	15-854	.89
B	2 Masonry Type	15-820	.79
C	2 Nail-In Type	15-821	.69
D	2 Snap-Grip Type	15-822	.69
E	2 Strap-On Type	15-823	.69

Heavy-Duty Masts

16-Gauge Steel With Gold Enamel Finish

Swaged end for tight lock on tubing to be joined. 1¼" dia.

5-Ft. Mast. 15-842 . . . . . **4.49**

10-Ft. Mast. 15-843 . . . . . **8.95**

5-Ft. Light-Duty

20-ga. steel with gold enamel finish. For attic and small antenna installations. **15-844** **3.99**

Telescoping Antenna Masts

- ***Sturdy 16 and 18-Gauge Galvanized Steel***
- ***Interlocking Sections***
- ***Clamp and Guy Ring Provide Support***

Low As

25.95

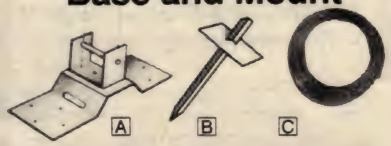
Raise your antenna higher and get stronger TV or FM reception. Sturdy sections interlock—won't pull out, slip, twist or shake! Hot-dipped galvanized steel masts have zinc coating to eliminate rust. Fully assembled. Install easily.

19-Ft. Mast. One 16-gauge and one 18-gauge section. **15-5065** **25.95**

27½-Ft. Mast. One 16-gauge and two 18-gauge sections. **15-5066** **35.95**

36-Ft. Mast. One 16-gauge and three 18-gauge sections. **15-5067** **45.95**

Base and Mount



A Base. Holding bolt slips through hole in universal mast base. **15-5068** **6.99**

B Mount. Sturdy "tap-in" tapered in-ground mount for masts up to 36 feet tall. **15-5069** **9.95**

C 6-Strand 18-Ga. Guy Wire. **15-5070** **5.95**

Archer Accessories for Use With TV and FM Antennas

A VHF/UHF 300-Ohm Foam Cable. Our best! 20-gauge copper, white-foam space web, dense Polyethylene jacket. **50-Ft 15-1174** **3.99**
100-Ft. 15-1175 ..... **7.39**

B Economy Foam VHF/UHF Cable. For strong-signal areas. 22-gauge copper. Brown Polyethelene jacket with blue polyfoam. **50-Ft. 15-1202** **3.69**
100-Ft. 15-1203 ..... **6.69**

C Low-Cost Twin Lead. For TV or FM. 24-gauge, 4-mil. For indoor/attic use.
Standard Twin Lead. 40-Ft. 15-004 ..... **1.59**
Clear Twin Lead. 40-Ft. 15-1158 ..... **1.59**
Standard Twin Lead. 22-gauge, 7-strand. For indoor use. **50-Ft. 15-1153** **2.49**
100-Ft. 15-1154 ..... **4.49**

D 8-Foot Twin Lead Cable. Instant hook-up. Dual spade lugs attach easily from splitter to stereo or coupler to set. 300 ohms. **15-1532** **2.19**

E Shielded VHF/UHF Foam Coax Cable Assemblies. Combines low loss with interference-rejecting shielding. Use with 75 to 300-ohm transformers. F-56 connectors.
50-Ft. 15-1526 ..... **7.99**
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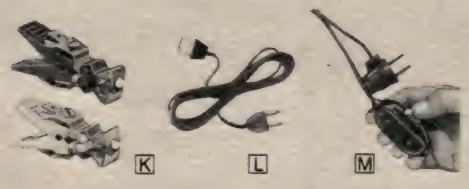
F Antenna Discharge Unit. Protects against static build-up. For TV-FM. Solderless connection. With mounting hardware. U.L. listed. **15-910** **2.19**

G Aluminum Ground Wire. Economical static-build-up protection. 40 feet of #8 wire. Use with ground rod above. **15-035** **2.19**

H Grounding Block. Prevents static electricity build-up. For 75-ohm TV or FM antenna lead-ins. **15-909** **2.19**

J 4-Foot Ground Rod. Provides a low-resistance path to ground for static electricity. Copper-plated, corrosion resistant, highly conductive. **15-530** **2.39**



K TV/FM Antenna Clips. Instant, solderless connection and disconnection of 300-ohm lead-in. **Set of two. 15-832** ..... **99¢**

L TV Power Cord. Standard 6-foot AC power cord. 18-gauge, 2-conductor. U.L. listed. **15-011** **1.19**
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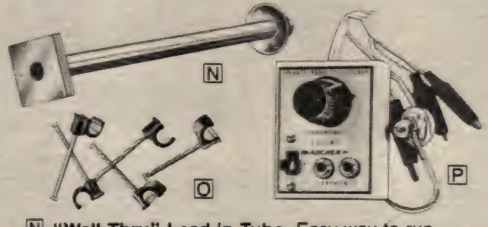

N "Wall-Thru" Lead-in Tube. Easy way to run lead-ins through walls up to 13" thick. Grommet seals out weather. **15-1200** **1.99**

O 10 Coax Nail Clips. Insulated nails with clips for securing 75-ohm RG-59 coax cable.
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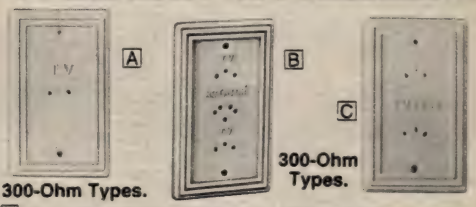

A For a single TV or FM lead-in. With mounting bracket, plugs. Flush Mount. **15-1186** **1.99**
Surface Mount. 15-1189 ..... **1.79**
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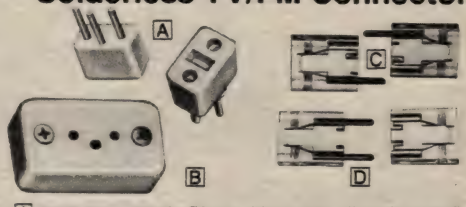

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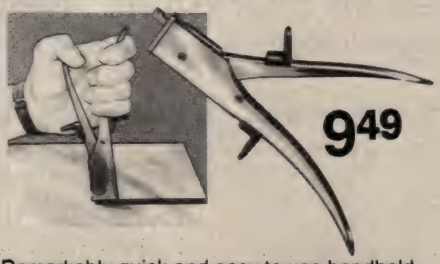


9.49

Remarkably quick and easy-to-use handheld sheet metal cutter. Cuts up to 18-gauge steel, 1/16" copper, aluminum, and plastic. Made of hardened, tempered steel. Super for small or large projects! **64-823** **9.49**

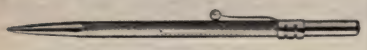
Complete Labelmaker Kit

5.95 *With 3 Rolls of Tape*

Dial character and squeeze to make self-sticking, waterproof, raised letter labels. Prints A-Z, 0-9, and punctuation. With 6-ft tapes in assorted colors. **64-526** . . **5.95**
Extra Tape. Two ⅜ × 144" rolls. **64-527** **2.29**

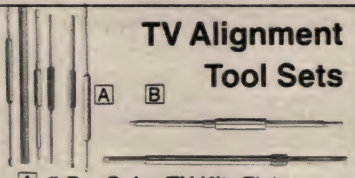
Carbide-Tip Etching Pen

Mark Valuables For Identification **1.79**



Mark on glass, metal, tile, plastic. 5⅛" long. Pocket clip.
64-1980 . . . . . **1.79**

TV Alignment Tool Sets



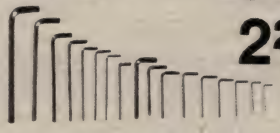
A **5-Pc. Color TV Kit.** Eight hex, two slot tips. **64-2220** **2.99**
B **2-Pc. Kit.** Fits most RF and IF transformers. **64-2223** . . . . . **99¢**

6-Piece Hex Key Set

1.69

This folding hex key tool fits the six most popular hex key sizes.
64-1839 . . . . . **1.69**

18-Piece Hex Key Set



2.29

Complete range of short and long arm hex key sizes.
64-1849 . . . . . **2.29**

Precision Knife Set

3.69

Ten multi-purpose interchangeable, precision-ground steel blades for delicate cutting operations. With fitted plastic case.
64-1801 . . . . . **3.69**

Pocket Knife Sharpener

2.99

Pull blades through crossed carbon steel tips for maximum sharpness. For straight, scalloped or serrated blades.
64-1860 . . . . . **2.99**

Miniature Utility Knife

1.99

Blade locks in four positions. For cutting, scoring, or trimming. Safe for your pocket. Handles any chore! 2⅝".
64-1852 . . . . . **1.99**

Versatile Multi-Wrench

3.99

Here's a single tool that can handle even rusty nuts and bolts from ⅜" to 13/16". (9mm to 22mm). Automatically adjusts! 8½" long.
64-1863 . . . . . **3.99**

Flashlights for Every Purpose

A **5-Cell Flashlight.** Requires 5 "D" batteries. **68-1022** **1.98**
B **Standard "D" Cell.** Requires 2 "D" batteries. **61-2624** **1.29**
C **Heavy-Duty "C" Cell.** Requires 2 "C" batteries. **61-2641** **1.59**
D **Heavy-Duty "D" Cell.** Requires 2 "D" batteries. **61-2639** **1.69**
E **Magnet Light.** Requires 2 "D" batteries. **61-2640** **2.69**
F **Search Light.** Requires 3 "D" batteries. **61-2635** **2.79**
G **Handy Pen Light.** Requires 2 "AA" batteries. **61-2626** **1.99**
H **6V Lantern.** Requires 6V "spring terminal" lantern battery. **61-2628** **3.49**
J **"D" Cell Lantern.** Requires 4 "D" batteries. **61-2634** **2.99**
K **"C" Cell Lantern.** Requires 4 "C" batteries. **68-1034** **1.98**
L **Disposable Clip Light.** With battery. **61-2625** **1.69**
M **Disposable Hand Light.** With battery. **61-2636** **1.99**

Mini Fluorescent Light

10.95

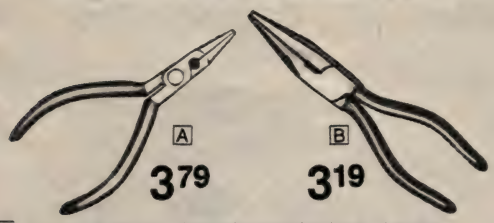
Provides Instant Light at Home or Away!

Surprisingly bright for its small size! Perfect for fishing, camping, or emergencies. Small enough for glovebox or backpack. Carrying case attaches to belt. 6¼ × 3⅜ × 1¼" Requires five "C" batteries.
61-2733 . . . . **10.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Complete Your Shop With Top-Quality Archer® Tools

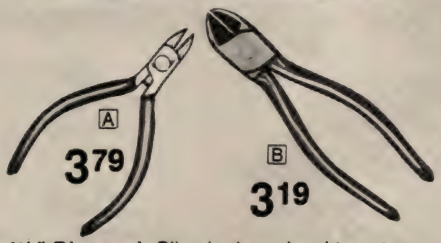
Long and Needle Nose Pliers



A **5" Long-Nose.** Drop forged for long durable life, polished. Insulated grips for electrical work. **64-1843** **3.79**

B **6½" Needle Nose.** Long-lasting hardened steel. Comfortable insulated grips. **64-1844** **3.19**

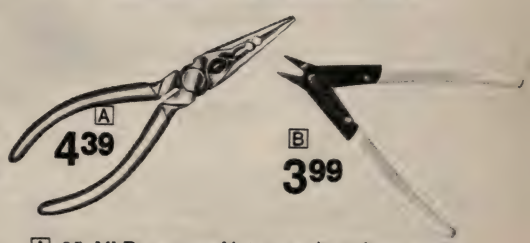
Diagonal Wire Cutters



A **4½" Diagonal.** Slips in those hard to get-at places. Insulated grips. **64-1841** **3.79**

B **6" Diagonal.** Durable enough for those real tough jobs. Hardened steel, insulated grips. **64-1845** **3.19**

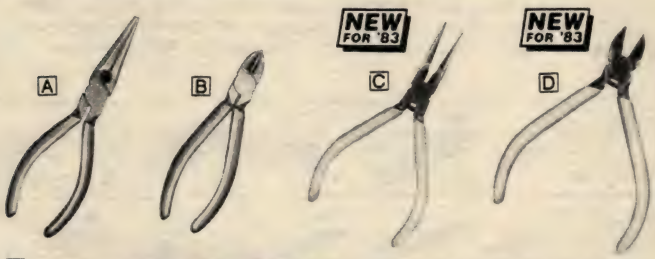
Pliers for Special Jobs



A **6" All Purpose.** Nut wrench, stripper, cutter and crimper. Insulated. **64-1847** **4.39**

B **5" Nippy Cutters.** Flush-cutting design lets you cut leads close to PC boards. Super for your bench! **64-1833** **3.99**

Professional-Quality Tools for Long Service at a Reasonable Price



A **6¼" Long-Nose Pliers.** Drop-forged chrome steel. Comfortable insulated grips. **64-1810** **5.99**

B **6¼" Diagonal Cutters.** Durable chrome steel. Comfort-contoured insulated handles. **64-1811** **5.99**

C **5¼" Long-Nose.** Top-grade steel, spring return, insulated grips. **64-1812** **5.99**

D **4½" Diagonal Cutters.** Spring return, long-lasting top-quality steel. Insulated grips. **64-1813** **5.99**

Precision Tool Sets With Fitted Cases

One-Hand Operation

A **Screwdrivers.** Six precision screwdrivers, sizes #1-6. Chrome-plated brass handles, swivel tops. Widths 0.8 to 3.8mm. **64-1948** **3.99**

B **Nut Drivers.** Set of five with swivel tops, chrome-plated brass handles, torque bar. **64-1957** **3.99**

C **Crosspoint and Hex Keys.** Set of five with two cross-point screwdrivers, three hex key wrenches, torque bar. **64-1958** **3.99**

D **Combination Screwdrivers.** Six precision screwdrivers. Two crosspoint and four regular. One-hand operation. **64-1959** **3.99**

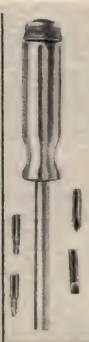
2-Pc. 4-in-1 Driver Set

NEW FOR '83

4.49

Standard: ¼", 9/64". Phillips: #1-2. Nutdrivers: 3/16", ¼", 5/16" 3/8". **64-1865** . . **4.49**

Magnetic Screwdriver



NEW FOR '83

4.49

4-in-1, 9/32", 3/16" straight, #1-2 Phillips. ¼" nutdriver. **64-1954** **4.49**

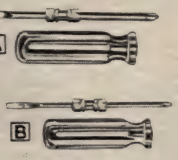
3¼" Stubby Reversible

NEW FOR '83

2.49

Gets in tight places. #2 Phillips, ¼" blade screwdriver. 2" handle. **64-1953** **2.49**

2-in-1 Reversible



A #1 Phillips & 3/16" std. **64-1950** **3.49**

B #2 Phillips & ¼" std. **64-1951** **3.79**

3-Piece Mini Screwdriver Set

1.49 *Includes Pouch*

Swivel heads. Fix eyeglasses and delicate instruments. **64-1982** **1.49**

6-Pc. Nutdriver Set

4.79 *Easy-Grip Molded Handles*

Hardened, tempered steel. Useful addition to any tool set. Sizes: 3/16" to 7/16". **64-1821** **4.79**

8-Pc. Nutdriver Set

4.99

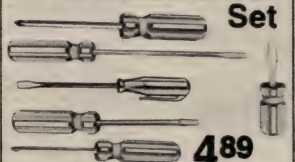
Interchangeable drivers, tempered steel. 1/8", 3/16", 7/32", ¼", 9/32", 5/16", 11/32", 3/8". **64-1800** **4.99**

8-Pc. Screwdriver Set

3.49

#0-2, Phillips. ¼", 3/16", 1/8" standard, scratchawl, gimlet, torque handle. **64-1835** **3.49**

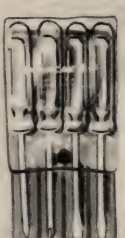
7-Pc. Screwdriver Set



4.89

¼ x 1½" stubby, 1/8 x 2¼" midget, ¼ x 4¼" mechanics, 3/16 x 4" & 3/16 x 6" cabinet, #1-2 Phillips. **64-1823** **4.89**

4-in-1 Tool Set With Carry Case

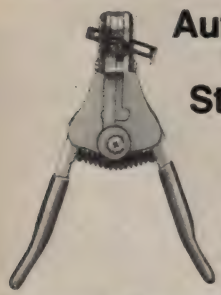


1.19

Two flatheads, one crosspoint, one awl. Strong molded handle. **64-1819** **1.19**

For Perfect Connections Use Archer Tools & Hardware

Automatic Wire Stripper



8.95

Insulated Handle

Pro-quality tool removes insulation from 8 to 22-gauge wire without nicks or breaks. 7" long.
64-1919 ..... **8.95**

Stripper/Cutter

2.49 *For #12 to #24 Wire*

Long blade for smooth cutting action. Insulated grips. **64-2129** . . . **2.49**

"Dial" Stripper

3.99

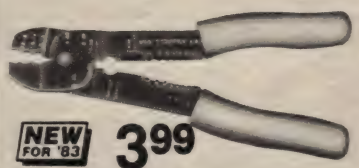
Set dial to perfectly strip/cut #12 to #24 wire. Insulated grips.
64-1952 ..... **3.99**

Heavy-Duty Crimper/Cutter

9.95

Crimps terminals, cuts and strips wire, even measures and cuts bolts. Easy to use. **64-2268** . . **9.95**

Standard Crimping Tool



NEW FOR '83 **3.99**

Crimps terminals, strips and cuts 10 to 22-gauge wire. Comfortable cushion-grip handles. 8½" long.
64-404 ..... **3.99**

Hardware in Handy "See-Through" Packs

Huge Variety! Types for All of Your Home, Shop And Automotive Needs

- *42 Types*
- *Corrosion Protected*

Only **99¢** Per Pack

Do-it-yourself projects and repairs go easier with the right hardware. These items are packaged in clear plastic at the factory so you can see what you're getting and be assured of highest quality with every purchase. Metal hardware is either nickel-plated, tin-dipped or electro-tin plated for long, corrosion-free service. Stock up now!

1. Round-Head Machine Screws.
64-3010. 14 each: 2-56 x ¼", ½", ¾".
64-3011. 14 each: 4-40 x ¼", ½", ⅜".
64-3012. 14 each: 6-32 x ¼", ½", ¾".
64-3013. 10 each: 8-32 x ¼", ½", ¾".

2. Pan-Head Sheet Metal Screws. 5 each: #4 x ½", #6 x ¼", ⅜", ½", #8 x ¼", ⅜", ½". **64-3016**

3. Steel Machine Hex Nuts.
64-3017. 40 each: 2-56.
64-3018. 30 each: 4-40.
64-3019. 30 each: 6-32.
64-3021. 30 each: 8-32.

4. Flat Spring Steel Nuts. 10 of #4, 15 each of #6 and #8. **64-3062.**

5. Steel Flat Washers. 20 each: #2, #4, #6, #8, #10. **64-3022**

6. Control Nuts. 8 each: ⅜"-32. 15/32"-32 and 7 of 475"-32. **64-3020**

Metric Control Nuts. 7 each of 13.0 x 2.4 and 15.0 x 2.0. 6 each: 15.0 x 1.5. **64-3063**

7. Control Lockwashers. Use under control nuts (64-3020, 64-3063). 10 each of ½" and ¾". **64-3060**

8. Metal Cable Clamps. 10 each: 3/32", 5/32", ¼". 5 each: 5/16". Pkg. of 35. **64-3023**

9. Aluminum Spacers. 2 each: ¼", ½", ¾". 1" sizes for #4, #6 & #8 screws. 24-pack. **64-3024**

10. Vinyl Grommets. 7 each: ¼", 5/16", ⅜". 5 each: 7/16", ½". **64-3025**

11. Wire Connectors. 16 assorted connectors for wire sizes #18 thru #12. **64-3026**

12. Polypropylene Cable Clamps. 6 each: ⅛", 3/16", ¼" cable diameter. **64-3028**

13—16. Solder Lugs. 40 pieces: #6, #8, #10 mounting holes. **64-3029**

17. Solderless Ring Tongue. 6 each: #6, #8 (22-18 wire size). #6, #8 (16-14). **64-3030**

18. Solderless Spade Tongue. 6 each: #6, #8 (22-18). #6, #8 (16-14). **64-3031**

18, 20. Solderless Spade. (26-24). 3 each: #4 & #8. **Insulated Spade.** (26-24). 2 each: #4 & #6. **64-3042**

18. Solderless #10 Spade Tongue. 12 each: (22-18), (16-14). **64-3034**

19. Solderless Insulated Ring Tongue. 4 each: #6 (22-18). 2 each: #8 (22-18). #6 & #8 (16-14). **64-3032**

20. Solderless Insulated Spade Tongues. Assorted as above. **64-3033**

Solderless Insulated #10 Spade Tongues. 5 each: (22-18), (16-14). **64-3035**

21. Butt Connectors. 10 each: (22-18), (16-14). **64-3036**

22. Insulated Butt Connectors. 5 each: (22-18), (16-14). **64-3037**

23. Male Quick-Disconnects. 2 of 3/16", 4 of ¼", 2 each: insulated 3/16", ¼". **64-3038**

24. Female Quick-Disconnects. Assorted as above. **64-3039**

25. Single Female to Dual Male Quick-Disconnect. 3 right angle and 3 offset in-line. **64-3061**

26. Bullet Connectors. Insulated. Three 2-way receptacles. Six snap-lugs. **64-3047**

27. Nylon-Insulated Closed-End Connectors. 5 each: (22-14), (16-10). **64-3041**

28. Solderless Flanged Spade. 6 each: (22-18) #6 & #8. (16-14) #6 & #8. **64-4043**

29. Solderless Insulated Flanged Spade. 4 each: #6 (22-18). 2 each: #8 (22-18). #6 & #8 (16-14). **64-3044**

30. Solderless Hook-Tongue Terminals. 6 each: #6 & #8 (16-14). #6 & #8 (22-18). **64-3045**

31. Female Flag Quick-Disconnect. 5 each: 3/16" & ¼". **64-3046**

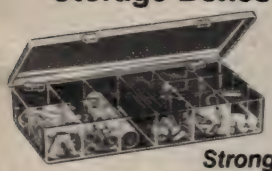
32. Auto Fuse Tap. 3 sets. **64-3048**

33. Auto Plastic Fuse Tap. 3 sets. **64-3027**

34. Solderless Insulated Male/Female Quick-Disconnects. (22-18, 16-14 wire size). ¼" tabs. 4 sets. **64-3049**

35. Insulated Large Ring Tongues. 2 each: ¼", ⅜", ½" stud. Sizes #16-10 wire range. **64-3040**

Storage Boxes

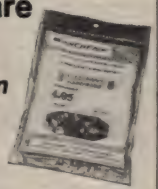


Low As **99¢** *Strong See-Thru Plastic*

Size	Sections	Cat. No.	Each
8½ x 4¾ x 1½"	6 to 18	64-552	2.39
4⅜ x 2⅝ x 1"	6	64-553	.99
11¼ x 6½ x 2⅜"	5 to 15	64-554	3.99

Electronics Hardware

For Every Handyman



1.59

Generous one-pound assortment of items valuable in building, experimenting and repair work.
64-2890 ..... **1.59**

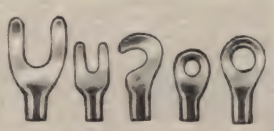
Squeeze Connectors

1.69 *Pkg. of 10*

Taps. For 18 to 14-ga. wire. **64-3052** . . **Pkg. of 10/1.69**

Insulated Butt Connectors. For 14 to 16-ga. wire. **64-3053** . . **Pkg. of 10/1.69**

Solderless Lugs



1.69 *5 Popular Styles*

Twenty each of ring, hook, tongue and large/small spade-tongue lugs.
64-406 . . **Pkg. of 100/1.69**

Ceramic Magnets

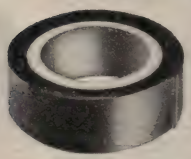
18¢ Each

10-24	25-99	100-Up
15¢ Each	14¢ Each	12¢ Each

SEE PAGE 90 FOR RADIO SHACK'S WIDE SELECTION OF WIRE AND CABLE

Adhesives and Chemicals for Building and Repair

Heat-Shrinkable Adhesive Tape



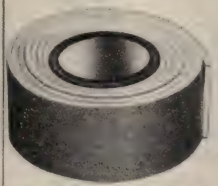
NEW FOR '83

2.49

10-Ft. Roll

Can be used where ordinary heat-shrink tubing can't: "Y" connections, large-diameter and previously attached wires. Shrinks lengthwise at least 30% when heated to 275°F. ¾" wide. **64-2335** **2.49**

Double-Sided Foam Tape



NEW FOR '83

1.49

10-Ft. Roll

Ideal for fastening accessories to car dash, pictures to walls and much more. No waste—just cut off amount needed. ¾" wide. **64-2343** **1.49**

Clear Carton Sealing Tape

NEW FOR '83

2.49

165-Ft. Roll

For packages and envelopes. Great for shipping, moisture protection. Forms airtight seal. High tensile strength. 2" wide. **64-2339** **2.49**

BREAK-FREE® Liquid

NEW FOR '83

Cleans! Lubricates! Preserves!

2.99

4 oz.

For autos, machines, electronics, firearms and more. Long-lasting film protects against corrosion. **64-2319** **2.99**

®Registered trademark of San/Bar Corp.

Color TV Tuner Cleaner

2.19

Concentrated! Spray into tuner to clean and lube contacts. 6 oz. **64-2320** **2.19**

Cleaner Degreaser

1.99

Sprays away oil and grime from circuitry and components. 8 oz. **64-2322** **1.99**

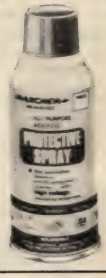
Component Cooler

2.29

Spray on resistors and capacitors to chill and spot thermal defects. 6 oz. **64-2321** . . **2.29**

Protective Acrylic Spray

1.89



Helps prevent arcing and shorts in high-voltage and ignition wiring, CRTs. 6 oz. **64-2317** **1.89**

TV Tuner Cleaner

1.59

Just spray into tuner to eliminate "noisy" contacts. No harmful deposits. 6 oz. **64-2315** **1.59**

Rosin Flux Remover

1.79

Removes soldering flux deposits from electrical and electronic circuits. 6 oz. **64-2324** **1.79**

Silicone Lube

1.79

Fights corrosion. Spray lubricates mating surfaces of most materials. 6 oz. **64-2310** **1.79**

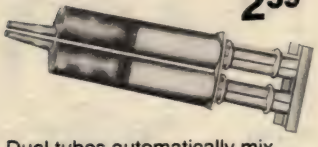
Instant Bonding Glue

1.49

All-purpose adhesive bonds non-porous materials in seconds. Nozzle tip. **64-2308** **1.49**

"Twin-Tube" Epoxy

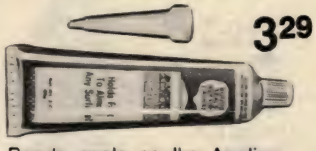
2.59



Dual tubes automatically mix quality epoxy cement for quick repairs. 1 oz. **64-2313** **2.59**

Silicone Sealer

3.29



Bonds, seals, caulks. Applies evenly and it's moisture resistant. With applicator tip. **64-2314** **3.29**

10,000-Volt Dielectric Tape

Low As **49¢**

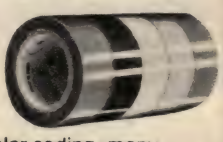
Roll Size	Cat. No.	Each
½" × 12½ ft.	64-2348	.49
¾" × 20 ft.	64-2349	.79
¾" × 66 ft.	64-2350	1.39

Electrical Tape in Handy 5-Pack

Assorted Colors

1.89

Pkg. of 5



Vinyl. For color-coding, many other home, shop, auto uses. ¾" × 12 ft. rolls. **64-2340** . . . **1.89**

Insulated Wire Staples

79¢

Pkg. of 40

Say "goodbye" to hazardous loose wires! Ideal for tacking wires along baseboards, walls. **64-2875** . . . **Pkg. of 40/79¢**

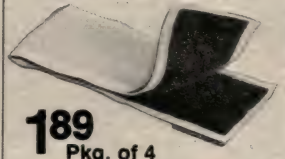
Self-Sticking Cushion Feet

89¢

Pkg. of 12

Great for projects, or as replacements on radios, calculators, more. Just peel and stick. **64-2346** . . . **89¢**

Hook-and-Loop Fastener Strips



1.89

Pkg. of 4

Long-lasting 3-inch strips for attaching items to car dash, grill cloth to speakers, more. **64-2345** . **Pkg. of 4/1.89**

Double-Sided Foam Tape Strips

1.89

Pkg. of 8

1" Wide, 3" Long

Instantly fasten pictures to walls, radar detectors to dash, smoke detectors to ceilings. **64-2344** . . **Pkg. of 8/1.89**

All-Purpose Tape

1.99

Perfect for Sealing Heating and A/C Ducts

Watertight, airtight, unaffected by normal heat, cold or damp weather. 2" × 30 ft. **64-2347** **1.99**

Archer® Soldering Accessories Complete Your Shop!

"One-Hand" Electric Desoldering Iron

NEW FOR '83

6.95

Ideal for Today's Electronic Circuits

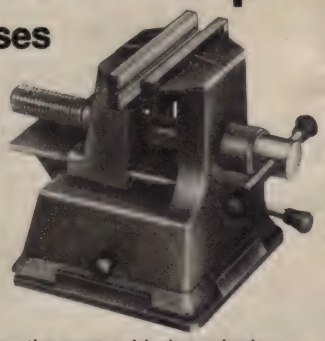
A must for servicing printed circuit boards and solid-state electronic devices. Remove and replace components quickly with less chance of heat damage. Complete tool includes handle, vacuum bulb, desoldering assembly and tip. 45 watts. 8" long. With 5-ft. cord. U.L. listed. **64-2060** **6.95**

Vacuum-Base Hobby Vises

2.99

4.95

NEW FOR '83



Now in New Larger Size

Mini-Vise. Handy for holding parts during on-the-spot soldering, glueing, drilling. Positive vacuum attachment for instant mounting on any smooth, non-porous surface. What's more, they're portable! Release vacuum base to change position, or load them in your tool box and take them with you. 2¾ × 2⅜ × 2⅜". **64-2094** **2.99**

Hobby Vise. 50% larger than above. **64-2095** **4.95**

Mini Drill

NEW FOR '83

2.99

- *Only 3¾" Long*
- *Complete With 2 Drills In Handle*

Ideal for drilling printed circuit boards. Good for drilling light materials. Molded body is lightweight, rugged. **64-2097** **2.99**

Locking Long Nose

NEW FOR '83

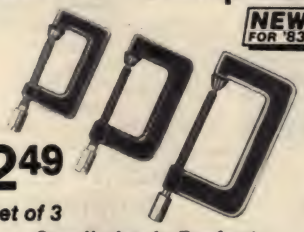
4.49

Use As Wrench, Pull Broken Keys, Install Tiny Springs

Does more jobs, faster and easier, than other long nose pliers. Cut heavy wire, pull cotter pins—countless uses! Length 7".
64-1864 ..... **4.49**

Mini "C" Clamp Set

NEW FOR '83



2.49

Set of 3

Small size is Perfect For Precision Projects

Three sizes of openings—¾", 1", 1⅞". Leaves hands free while glueing, soldering, drilling. Sturdy die-cast metal.
64-2096 ..... **Set of 3/2.49**

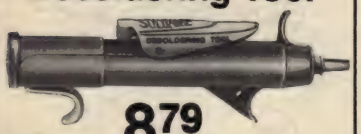
"Helping Hands"

7.95

Holds Work in Any Position, Frees Hands

Six ball joints and two nickel-plated alligator-type clamps adjust to any angle. Simplifies work! Solid cast-iron base.
64-2093 ..... **7.95**

Desoldering Tool



8.79

- *Spring-Loaded*
- *Easy to Use*

Makes desoldering a snap! Just set plunger and go to work. Quick—even on large solder connections. Easy, one-hand operation. **64-2085** **8.79**

Mini Desoldering Tool

6.49

- *No-Stick Spout*
- *One-Hand Action*

The "Snortini" pump makes it easy to desolder and rework miniature and microminiature circuits. Easy one-hand operation!
64-2091 ..... **6.49**

Vacu-Bulb

2.99

Teflon Tip Takes Up Solder

Takes up solder safely, easily with vacuum action. No splattering, easy to clean, won't mar connections! **64-2086** **2.99**

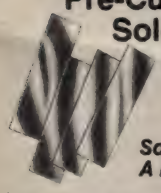
Desoldering Braid

1.49

A Must for Printed Circuits

The easy way to repair or revise circuits. Use with soldering iron. Five-foot roll. **64-2090** **1.49**

Pre-Cut Tape Solder



1.39

Solder With A Match

Wrap tape around twisted wires, heat with match or other flame for a good connection. **64-010** .. **100/1.39**

Solder Iron Holder And Cleaner

5.79

Coil holds iron, sponge pad keeps iron tip clean.
64-2078 ..... **5.79**

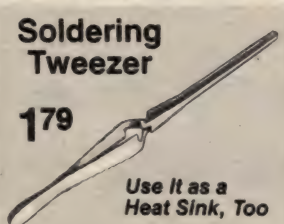
4-Pc. Soldering Tool Kit

2.99

Includes heat sink, brush/scraper, pointed, slotted probes. **64-2227** **2.99**

Soldering Tweezer

1.79



Use It as a Heat Sink, Too

Blunt, self-closing serrated points. 6½" long.
64-1915 ..... **1.79**

Clean-Tip Sponge

1.79

Helps Tips Last Longer

Removes excess solder, keeps tip of soldering iron clean. **64-2087** **1.79**

Soldering Equipment for Quick and Easy Connections

75-Watt Lightweight Soldering Gun

15.95

Pull the trigger and the tip reaches full temperature in seconds. Flat back lets gun stand upright when not in use. Lightweight, comfortable to hold. U.L. listed.
64-2191 ..... **15.95**

Replacement Tips for Archer And Weller Guns

For Use With	Cat. No.	Pkg. of 2
Archer 64-2191	64-238	1.99
Archer 64-2190 Weller D440,8200	64-237	1.99
Weller D550	64-234	1.99

Soldering Irons and Gun

Low As 3.49

All Are U.L. Listed

A **"Cool-Grip" 30-Watt Soldering Gun. 64-2066** **3.99**
Replacement Tip. 64-2065 ..... **.89**

B **30-Watt Pencil Iron.** Lightweight. 7" long. **64-2067** **3.49**
Replacement Tip. 64-2065 ..... **.89**

C **42-Watt Pencil Iron.** Insulated, 1/4" screw-in tip. 600-640°F. With stand.
64-2071 ..... **5.95**
Replacement Tip. 64-2072 ..... **1.49**

D **25-Watt Pencil Iron.** As above, but with 5/32" tip. **64-2070** **5.49**
Replacement Tip. 64-2073 ..... **1.29**

Science Fair® Electronic Tool Set

14.95

9-Piece Set Designed for Kit Builders

Everything you need to assemble most electronic kits. Includes 30-watt U.L. listed pencil soldering iron with stand, solder, solder aid, needle-nose pliers, diagonal cutter, three screwdrivers (one cross point, one with built-in wire stripper), and a heat sink.
64-2801 ..... **14.95**

Custom-Design Your Own Soldering Iron

Cool-Grip Handle 4.99

2 Long-Life Tips 4.29

Quick 'n Easy Thread-On Tips

3 Copper Tips 3.69

27-Watt Element 4.79

33-Watt Element 6.99

45-Watt Element 7.99

Interchangeable heating elements and tips make a complete professional workshop." Use with comfortable "Cool-Grip" handle and you're all set. Heating elements, handle. U.L. listed.

Description	Watts	Cat. No.	Each
Cool-Grip Handle	...	64-2080	4.99
600-650°F Heating Unit	27	64-2081	4.79
750-800°F Heating Unit	33	64-2082	6.99
850-900°F Heating Unit	45	64-2083	7.99
Light, Med., Heavy Duty-Tips (Pkg. of 3)	...	64-2084	3.69
Long-Life Iron-Clad Light-Duty Tips (Pkg. of 2)	...	64-2089	4.29

Miniature Butane Torch

9.95

For Heating, Soldering Removing Paint And Putty

- ***Fully Self-Contained***
- ***Heats to 2500°F (1370°C)***

Small enough to fit in a pocket yet with a precise and controlled high temperature flame. Cylinder lasts up to 60 minutes. With refill.
64-2164 ..... **9.95**
Replacement Cylinders. 64-2166 .... **2/2.99**

Pocket-Size Gas Brazing Torch

24.95

- ***Adjustable Pinpoint Flame More Than 5000°F (2760°C)***
- ***Perfect for Brazing And Silver-Soldering***

Fully Self-Contained

Includes one butane and two safety-sealed "micronox" cylinders, tips for brazing and silver-soldering. 5 1/2 x 2 x 1 1/4".
64-2165 ..... **24.95**
Replacement Butane Cylinders. 64-2166 ..... **Pkg.2/2.99**
Replacement Micronox Cylinders. 64-2167 ..... **Pkg.2/2.39**

Rosin Core Electronic Solder

Low As 89¢

- ***Standard, Light or Special PC***
- ***Meets QQS-571E Federal Requirements***

Package Size	Size	Use	Cat. No.	Each
.5-oz. Handy Pak	.062	Standard	64-001	.89
1.5-oz. Spool	.062	Standard	64-002	1.39
4-oz. Spool	.062	Standard	64-004	3.49
2.5-oz. Spool	.032	Light Duty	64-005	2.99
1.5-oz. Spool	.050	PC Work	64-006	2.19
1/2-lb. Spool	.062	Standard	64-007	5.89

ENERCELL Batteries—Power for Every Purpose

Our Alkalines Last a Long, Long Time

- *Our Best, Longest Lasting Non-Rechargeable Batteries*
- *Long Shelf Life • Anti-Corrosion Contacts*
- *High Output at Low Temperatures • For All Standard Uses*

Each of our exclusive alkalines delivers top performance even at high current drain and retains full power during long-term storage. Steel clad, insulated, dependable!

Fig.	Cell Type	Replacement for			Cat. No.	Price
		Ray-O-Vac	Eveready	Duracell		
A	"C"	814	E93	MN1400	23-551	Pkg. 2/2.49
B	9V Rect.	A1604	522	MN1604	23-553	Each 2.19
C	"AAA"	824	E92	MN2400	23-555	Pkg. 2/1.49
D	"AA"	815	E91	MN1500	23-552	Pkg. 4/3.19
E	"N"	810	E90	MN9100	23-023	Pkg. 2/1.49
F	"D"	813	E95	MN1300	23-550	Pkg. 2/2.49

Toys Run Longer!

Radios Play Longer!

Extends Power In Flashlights!

Longer Life For Walkie Talkies!

Heavy-Duty, Extra-Life Batteries

- *"Miracle Seal" for Greater Leak Protection*
- *Shelf Life Up to Three Years • Rigid Steel Case*
- *Stock Up—Be Prepared for Emergencies*

Save money and bother by stocking up on our exclusive ENERCELL Extra-Life batteries at our low prices! These heavy-duty cells outperform "regular" batteries and their specially-processed electrolyte gives you a longer service life. That means fewer replacements!

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Ray-O-Vac	Eveready		
A	"D"	6D	1250	23-580	.55
B	"AA"	5AA	1215	23-582	.45
C	"C"	4C	1235	23-581	.55
D	"AAA"	400	912	23-584	.35
E	9V Rect.	D1604	1222	23-583	1.19

For General-Purpose Applications

- *Cost Less Than Most Brands*
- *Protected Against Leakage*

Our most popular batteries! We sell millions every year, so you can be sure they're fresh and strong when you buy them! Compare and you'll see what a value they really are.

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Ever-eady	Ray-O-Vac		
A	"D"	950	13	23-466	.34
B	"AA"	915	15	23-468	.27
C	"C"	935	14	23-467	.34
D	9V Rect.	216	1604	23-464	.59

Get Your FREE Battery Card!

$7.08 Value

Join our Battery-A-Month Club and get a Radio Shack General-Purpose ENERCELL each month, FREE, for a whole year! Nothing to buy, no obligation!

Good at Participating Radio Shack Stores and Dealers

Radio Shack Has Batteries to Meet Big Demands

Silver Oxide Watch/ Calculator Batteries

- ***Extra Protection Against Leakage***
- ***Keep Working Harder and Longer***
- ***Stock Up—Save Trips to the Store***

Silver oxide ENERCELL batteries will power your watch or calculator a long time before replacement is required! Store at room temperature for longer life than ordinary batteries.

Radio Shack	Replaces				Cat. No.	Each
	Eveready	Ray-O-Vac	Duracell	Other		
76	EPX76	RW22/42	D357/10L14	G13, 541	23-009	3.19
389	389	RW49	D389/10L122	G10, V10GS	23-101	1.99
392	392	RW27/47	D392/10L125	G3, 547	23-102	1.29
393	393	RW28/48	D393/10L123	G5, 546	23-103	1.99
303	303	....	D303/WS14	GS14, 521	23-104	2.99
357	357	RW22/42	D357/10L14	G13, 541	23-105	3.19
386	386	RW24/44	D386/10L124	G12, 548	23-106	2.29
391	391	RW40	D391/10L130	G8, V8GS	23-107	1.79

Lithium Watch/ Calculator Batteries

NEW FOR '83

- ***Longer Shelf Life***
- ***Superb Leakage Resistance***

Available Sept. 30, 1982

Breakthrough in lightweight, high-voltage, high energy-density power for watches and calculators! Lithium cells are the latest in high-performance power sources.

Radio Shack	Replaces			Cat. No.	Each
	Ray-O-Vac	Eveready	Duracell		
CR2016H	BR2016	E2016	DL2016	23-160	1.79
CR2025	....	E2025	DL2025	23-161	1.79
CR2032	....	E2032	DL2032	23-162	1.79
CR2320H	BR2320	E2320	....	23-163	1.79

Maximum-Performance Alkaline Calculator Batteries

Maximum protection from leakage through exclusive sealing design. Long-life keeps your calculator running at peak performance.

Radio Shack	Replaces				Cat. No.	Each
	Eveready	Ray-O-Vac	Maxell	Other		
357A	A76	RW82	LR44	V13GA, 76A	23-115	.99
386A	186	RW84	LR43	V12GA, 86A	23-116	.99
389A	189	RW89	LR1130	V10GA, 89A	23-117	.99
391A	191	....	LR1120	....	23-118	.99

Mercury Hearing Aid Battery Pack

Each battery passes more than 20 exacting quality checks, your assurance of the dependability you need.

Radio Shack	Replaces				Cat. No.	Price
	Ever-eady	Ray-O-Vac	Dura-cell	Other		
P675M	EP675	RP675	MP675H	8107.675MP	23-145	Pkg. 6 3.79
13M	E13E	R13	RM13H	8118.M13	23-146	Pkg. 6 3.59

The Shack® is the Place for Those "Hard-to-Find" Batteries

Portable Lantern

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Ever-eady	Dura-cell		
6	941	509	M908	23-006	3.19
12	926	732	M926	23-007	10.39
6	944	1209	M918	23-016	4.49

Transistor Radio

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Ever-eady	Dura-cell		
22.5	221	505	M505	23-510	4.29
1.5	716-4	904	910F	23-574	.29

Smoke Alarm

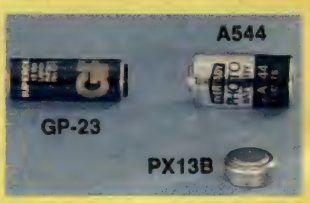
Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Ever-eady	Dura-cell		
12.6	....	304116	304116	23-670	10.95
11.2	....	....	TR431	23-671	10.95

Miniature

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Ever-eady	Dura-cell		
1.4	T640-1	E640	RM640	23-1515	2.19
1.4	T675	E675	RM675	23-1521	Pkg. 2/1.99

Photo/Lighter

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Ever-eady	Dura-cell		
12.0	....	....	....	23-144	.89
6.0	....	A544	PX28	23-469	3.79
1.35	....	EPX13	PX13B	23-470	1.99



Specialty

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Ever-eady	Dura-cell		
7.0	T175	E175	TR175	23-601	4.59
1.4	T401	E401	RM401	23-660	1.49
4.2	T133	E133	TR133	23-1523	6.39
8.4	....	E146X	TR146X	23-1527	6.69

ENERCELL® Rechargeable Batteries Save You Money

A 1.2V "D" Cell — B 1.25V "AA" Cell — C 1.25V "C" Cell — D For 9V* Applications

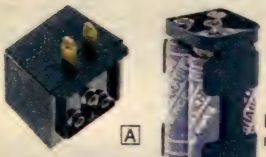
Nickel Cadmium—Use 'em Again and Again

- *Keep Working Long After Other Batteries Have Worn Out*
- *Steel-Clad and Insulated for Extra Dependability*
- *Recharge Them Over and Over—They Pay for Themselves*
- *Choose From Four Popular Sizes*

Stop wasting money on one-life batteries! ENERCELL batteries can be recharged time and again with the chargers below. Available in sizes "D", "AA" and for 9V applications. The most efficient source of re-usable power available. Rated 1.25V.

Fig.	Cell Type	Replacement for				Cat. No.	Pkg. of 2
		Eveready	Ray-O-Vac	GE	Duracell		
A	D	CH1.2/D	613	GC3	NC 13D	23-123	6.49
B	AA	CH500	615	GC1	NC15AA	23-125	4.69
C	C	CH1.2/C	614	GC2	NC14C	23-124	6.49
D	9V*	CH22BP	NC1604	GC9B	NC169VB	23-126	9.95 Ea.

Low-Cost Chargers for Nickel Cadmium "AA" and 9V Batteries



A

6.95

NEW FOR '83

Batteries not included

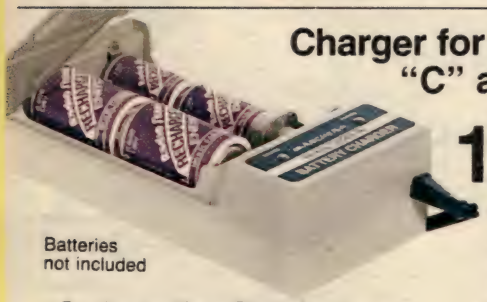
- *Plug Directly Into AC Wall Outlet*
- *Costs Only Pennies Worth of Electricity Per Year—And Saves $ on Batteries!*

3.95 B

A **Miniature Charger.** Recharges "AA" size nickel cadmium batteries. Comes with snap-on module that charges two or four AA batteries. U.L. listed. **23-133** **6.95**

B **9V Charger.** For 9V applications only. U.L. listed. **23-131** **3.95**

Charger for Nickel Cadmium "AA," "C" and "D" Batteries



Batteries not included

Recharge Your Batteries in a Matter of Hours

11.95 *Specially Designed for ENERCELL Rechargeables*

Recharges in seven to fourteen hours, depending on initial charge. Unique design allows you to charge two batteries of different sizes at the same time. 8⅜ × 3⅞ × 2¼". U.L. listed. **23-122** **11.95**

General Purpose Battery Charger

Power Indicator
Batteries not included

12.95 *Charges Two or Four Regular or Extra-Life Batteries*

Great for recharging radio and flashlight batteries. Charges all popular sizes: "C," "D," "AA," and 9-volt. Automatically controls charge rate—cannot overcharge. *For general-purpose and extra-life batteries only.* 2¼ × 8½ × 3¾". U.L. listed. **23-120** **12.95**

Easy-to-Use Button Cell Battery Tester

For Silver Oxide, Alkaline And Mercury Batteries **3.95**

Just squeeze the side-mounted test switch, and watch Good/Replace meter. For watch, camera, calculator and hearing aid batteries. 3¼ × 1⅝ × 13/16". **22-097** **3.95**

"Radio Shack" Battery Checker

Styled Just Like Our ENERCELL Batteries **3.99**

Makes battery testing fun and easy! Meter indicates strength. For 9V "transistor", 1.5V "C", "D" and "AA" sizes. 4¼ × 3¼ × 1". **22-098** **3.99**

Handy Battery Checker

Tests 9V and 1.5V "AA", "C" and "D" Sizes **6.95**

Checks zinc-carbon, alkaline, mercury and nickel cadmium batteries. Press battery in place and voltage level is indicated. 4¼ × 2½ × 1½". **22-100** **6.95**

Deluxe Battery Tester

Leads for Testing Non-Standard Batteries **9.95**

Ranges include 1.5/6/9/15/22.5 volts. Two color-coded scales for regular and mercury batteries. Also tests nickel cadmium, watch/calculator batteries. 5 × 3½ × 1½". **22-030** **9.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Shop Radio Shack for All Your Electrical Accessories

Switch on lights *before* you enter your house

Wireless RF Remote Control Switch

34.95 NEW FOR '83

- *50-Ft. Range—Turn Lights and Appliances On/Off From a Hand-Held Transmitter*
- *Digital-Coded Operation—No False Triggering*

Just plug switch unit into AC outlet, then plug appliance into switch unit. Switchable digital codes—use up to four systems in one home! Also has manual on/off switch. Handles 1200 watts. U.L. listed. Transmitter requires 9V battery. FCC registered. No license required.

61-2665 ..... **34.95**

Extra Transmitters ..... **Each 19.95**

Wireless Sonic Remote Control Switch

Armchair Convenience! Get Instant Remote Control of Lights And Appliances From Up to 100-Ft. Away

27.95

No cords, wires or batteries! Signal processor controls TV, stereo, lamps, and appliances. Plug into AC outlet, squeeze hand-held whistle, and appliance turns on or off. Adjustable range. Handles 400 watts. U.L. listed. **61-2660** **27.95**

Voltage Spike Protector

NEW FOR '83

9.95

Protect Your TV and Other Solid-State Equipment From High-Voltage Surges

No wiring necessary—just plug it in! Absorbs excess spike energy, allows only a safe voltage level to reach your equipment. U.L. listed. **61-2790** **9.95**

Automatic Light Control

NEW FOR '83

8.95

Turns Lights On at Dusk, Off at Dawn

Use outdoors or for some indoor applications, in any position—ideal for driveway entrances, patio, anywhere. Fits PAR-38 floodlight sockets. With lens shield, washer. 300 watts max. U.L. listed. **61-2775** **8.95**

Light Dimmer Switches

Ⓐ **Rotary Dimmer**

6.95 Each

Ⓑ **Toggle Dimmer**

Ⓐ **Rotary Dimmer.** Push-on/off rotary dial varies lighting to suit the occasion. Fits std. wall box. 120VAC, 600W max., incandescent only. U.L. listed.

61-2699 ..... **6.95**

Ⓑ **Toggle Dimmer.** On/off positions plus full-range dimming in between. Same ratings as above.

61-2694 ..... **6.95**

Six-Outlet Cord Reel

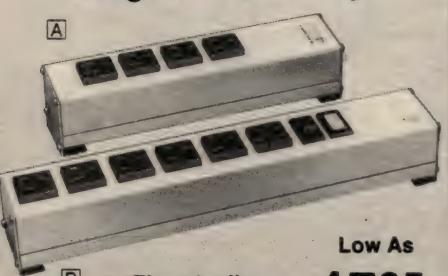
24.95

Six Grounded Three-Prong Outlets

The convenience of multiple power outlets and an extension cord in a reel-in case. Circuit breaker guards against overloads above 10 amps. 21-ft. 14-gauge 3-conductor cord. Durable case. U.L. listed.

61-2610 ..... **24.95**

Plug-In Power Strips



Electrically Grounded

Low As 15.95

Ⓐ **4-Outlet.** Extra outlets for appliances and other items. Push-to-reset circuit breaker. Includes 6-foot cord and grounded plug. Rated 15A 125V. U.L. listed. **61-2620** **15.95**

Ⓑ **6-Outlet.** Same as above, with two additional outlets, on/off switch, "power-on" indicator light. **61-2619** **21.95**

Handy Electrical Accessories

All U.L. Listed for Electrical Safety

Ⓐ **4-Outlet Plug.** Two-wire type. **61-2621** **1.99**

Ⓑ **6-Outlet Plug.** Three-wire type. **61-2622** **3.49**

Ⓒ **3-Outlet Plug. 61-2705** **1.99**

Ⓓ **3-Plug Cube Tap. 61-2701** ..... **Pkg. of 2/1.09**

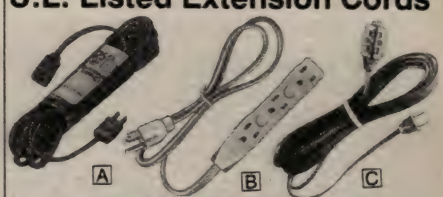
Ⓔ **Quick Plug. 61-2702** ..... **Pkg. of 2/1.19**

Ⓕ **Flush Wall Plug. 61-2703** ..... **Pkg. of 2/1.59**

Ⓖ **Mini Line Cord Switch. 61-2713** ..... **99¢**

Ⓗ **Grounded Adapter. 61-2720** ..... **Pkg. of 2/1.09**

U.L. Listed Extension Cords



Ⓐ **25-Foot 2-Wire One Outlet.** Polarized plug and socket. Green.

61-2759 ..... **3.49**

Ⓑ **Power Center.** 3-Foot cord, 3-prong grounded plug, three outlets.

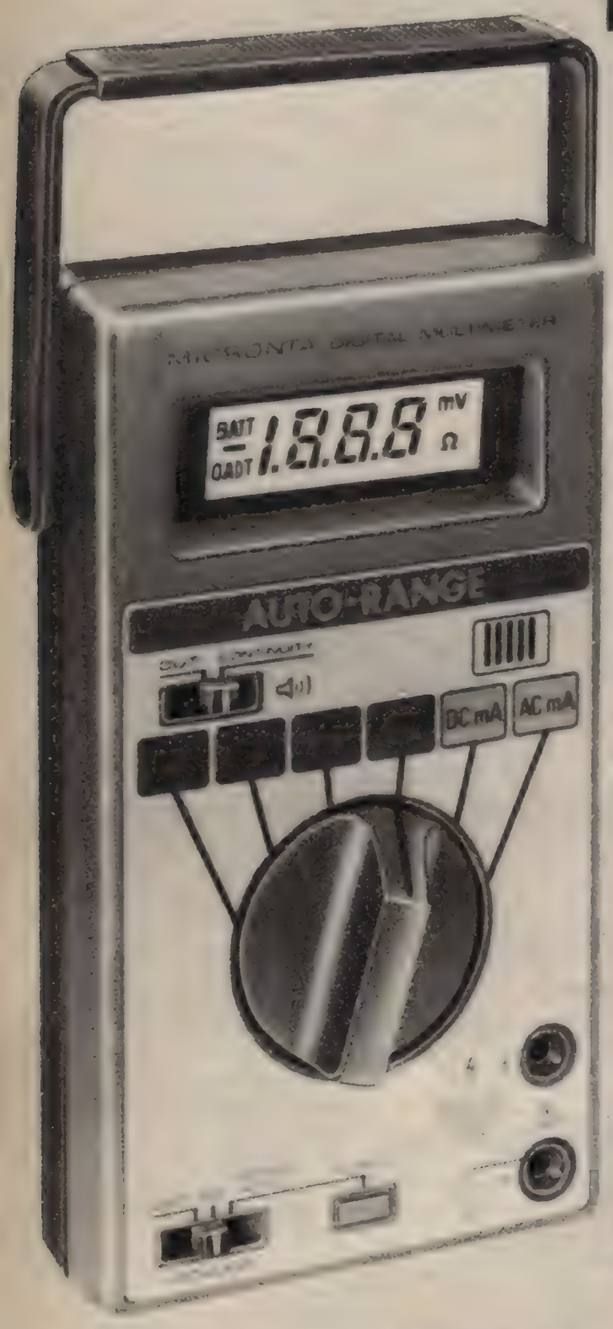
61-2762 ..... **3.99**

Ⓒ **Standard.** Polarized two-wire cube outlet.

Feet	Color	Cat. No.	Each
6	White	61-2744	1.39
6	Brown	61-2745	1.39
9	White	61-2746	1.79
9	Brown	61-2747	1.79
15	Brown	61-2748	2.39

Digital Multimeters for Accuracy You Can Depend On

3½-Digit LCD Autoranging Multimeter
The DVM That "Thinks"



89.95 NEW FOR '83

- ***Range-Hold Function Overrides Autoranging Circuit***
- ***"Beep" Continuity Check—A Real Time-Saver***
- ***Tests Diode and Transistor Forward Conduction***

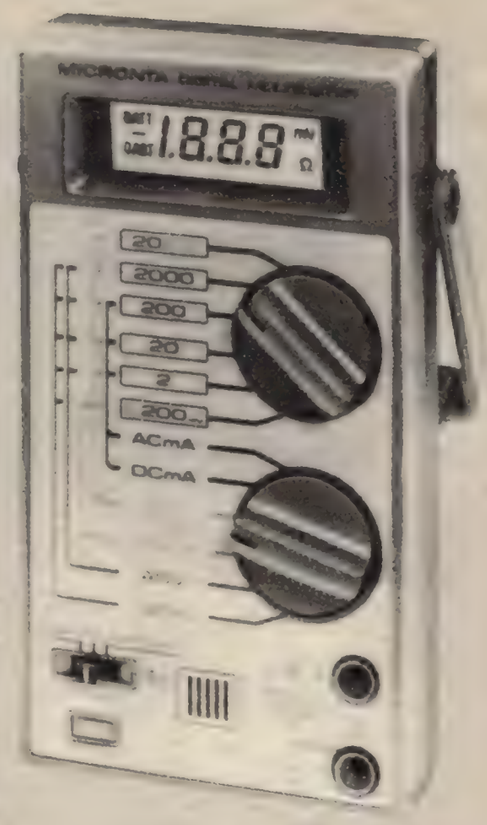
You choose the function, *it* selects and displays the range automatically—even if the test leads are connected backwards! Features user-selectable "beep" continuity and range-change indicator. Zero-adjust button compensates for lead and fuse resistance for highly accurate low-resistance measurements. Low-battery and overrange indicators. Measures up to 1000 VDC, 500 VAC, 200 mA (both AC and DC), 2 megs resistance. Microprocessor circuit discriminates between AC and DC input. Accurate to within ±1 digit. Handle doubles as a stand. 6⅜ × 3½ × 1⅜". Spare fuse and test leads included. Requires two "AA" batteries.
22-192 . . . . . **89.95**

21-Range Multimeter

NEW FOR '83 **79.95**

- ***3½-Digit Display***
- ***Audible "Beep" Continuity And Range-Change Indicator***

Audible continuity function sounds at less than 300 ohms circuit resistance. Zero-adjust for low-resistance measurements. "Diode check" allows testing of diodes and transistors. Overload protected in all ranges. DC Volts: 200mV-2-20-200-2000V (max. 1000V). AC Volts: 2-20-200-2000V (max. 500V). Accurate from 45 Hz to 10 kHz. 200mA, AC and DC. Resistance: 200 ohm-2k-20k-200k-2 megs-20 megs. 6⅜ × 3½ × 1⅜". With spare fuse and test leads. Requires two "AA" batteries.
22-191 . . . . . **79.95**



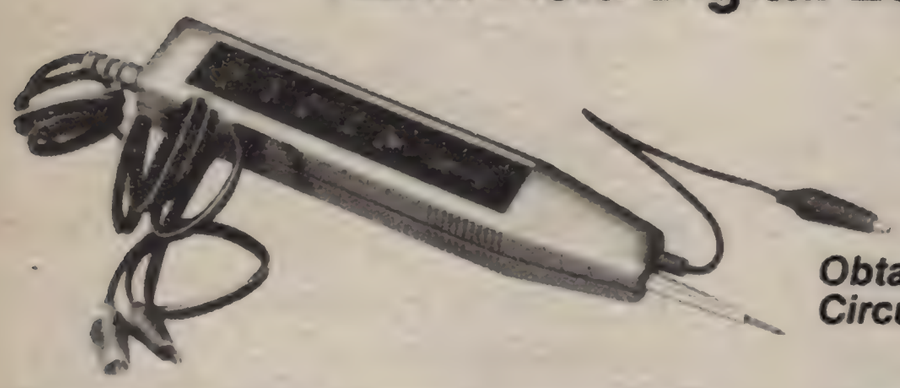
13-Range LCD Multimeter

- ***3½-Digit Display***
- ***10-Megohm Input***

59.95

Digital accuracy at a practical price. Features easy-to-see .25" display, auto polarity, overrange indicator and auto zero-adjust. AC Volts: 200-2000 (500V max.). DC Volts: 2-20-200-2000 (1000V max.). DC Current: 2-20-200 mA. Resistance: 2k-20k-200k-2megs. Overload protected. 3⁵⁄₁₆ × 3⅛ × ¹⁵⁄₁₆". With leads and pouch. Requires 9V battery or AC adapter. **22-197** **59.95**
AC Adapter. U.L. listed. **22-180** **7.95**

Hand-Held Digital Logic Probe



19.95

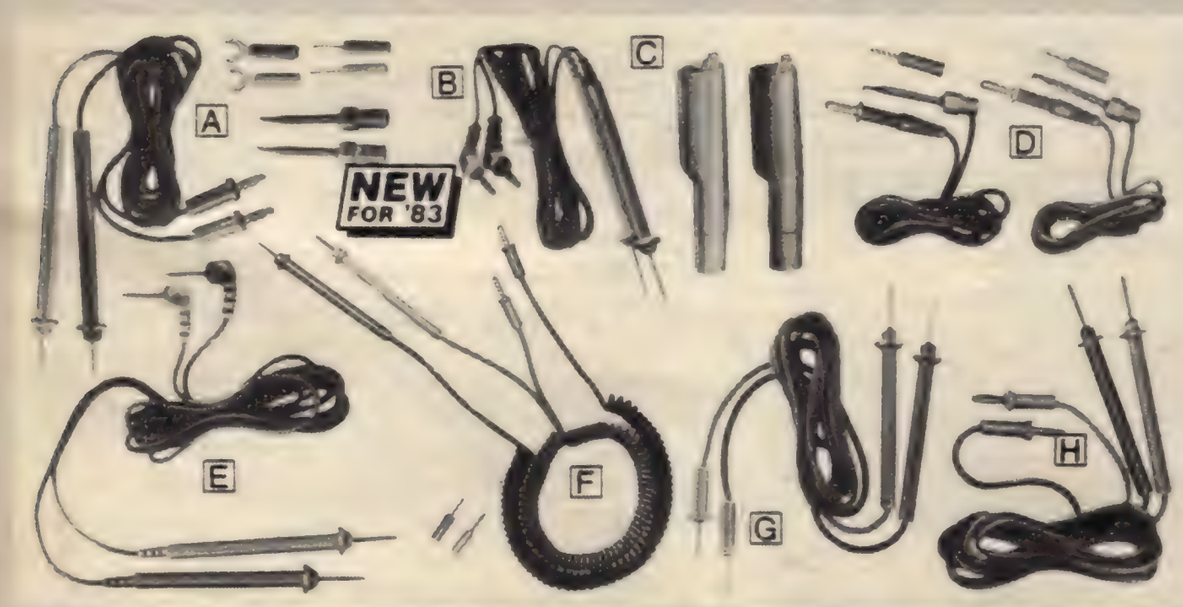
Obtains Power From Circuit Being Tested

Diagnose any digital circuit. Indicates high, low, or pulsed (to 10 MHz) logic states. Minimum detectable pulse width is 50 ns. Tests almost every logic family including TTL, LS, CMOS, DTL. Overload and reverse-polarity protected. 7 × ¾ × 1⅛". 34" leads. **22-301** **19.95**

Microwave Leakage Detector

Checks Microwave Oven Door Seals **14.95**

Microwave-frequency leakage from faulty oven door seals can cause serious and even permanent health problems. Easy to use—just move along the door seals and meter indicates the relative amount of microwave energy. **Not a certification instrument.** 1⁷⁄₁₆ × 1⅞ × 4½".
22-2001 . . . . . **14.95**



Test Leads, Clips and Test Lead Set

A **9-Piece Test Lead Set.** Finger guard for safety. Includes hook-clips, spade lugs, banana plugs and phone tips. Case included.
270-333 . . . . . **Set/6.95**

B **Right-Angle Banana Test Leads.** Best for getting around corners. 36" leads, one red, one black.
278-713 . . . . . **Pair/2.49**

C **Insulated Alligator Clips.** One red, one black. Probe tips.
270-354 . . . . . **Pair/1.49**

D **Mini Clip Test Leads.** One red, one black. **278-1160** **Pair/3.59**

E **Right-Angle Pin Tips With 36" Leads.** Has 4¾"-long probes.
278-712 . . . . . **Pair/1.99**

F **6-Ft. Coiled Test Leads.** Color-coded, solderless probes with banana plugs. Fits most multitesters.
278-750 . . . . . **Pair/3.99**

G **36" Leads With Pin Tips.** One red, one black. 4¼"-long probes.
278-705 . . . . . **Pair/3.29**

H **Banana Plugs With 36" Leads.** 4½"-long probes. One red, one black. **278-704** **Pair/4.69**

ALL MICRONTA MULTITESTERS AND DIGITAL MULTIMETERS ARE U.L. 1244 APPROVED

Reliable Multitesters by Micronta®—Your Best Value

21 Ranges, 30,000 Ohms/Volt

49.95 NEW FOR '83

- ***Fused and Overload Protected***
- ***Big 5" Color-Coded Scale***

Features "beep" continuity function and easy access to battery and fuse compartment. DC Volts: 0 to 1000, 7 ranges. AC Volts: 0 to 1000, 5 ranges. DC Current: 0 to 10 amps, 5 ranges. Resistance: 0-1-10k-1-10 megs. (center scale 10). dB: −20 to +62 dB, 5 ranges. Accuracy: ±3% DC, ±4% AC. 6 11/16 × 5 7/16 × 2 5/8". With instruction manual. Requires one 9V, one "C" battery. **22-210** **49.95**

43 Ranges, 50,000 Ohms/Volt

39.95

- ***Volts/Amps "Range-Doubler"***
- ***4¼" Mirrored Scale***

Perfect addition to your toolbox— use around the house, for the car, on the job. Convenient single-knob function switch, plus mirrored scale to prevent misreadings due to parallax. DC Volts: 0 to 1000, 12 ranges. AC Volts: 0 to 1000, 8 ranges. DC Current: 0 to 10 amps, 10 ranges. Resistance: Rx1, R×10, R×100, R×1000, R×10,000 (10 ohms center scale). Decibels: −20 to +62, 8 ranges. Accuracy: ±3% DC, ±4% AC. 6 11/16 × 4 7/8 × 2". Requires one "AA," one 9V battery. **22-204** **39.95**

27 Ranges, 30,000 Ohms/Volt

34.95 ***Color-Coded 4" Mirrored Scale***

Features output jack and DC polarity reverse switch. DC Volts: 0 to 1000, 8 ranges. AC Volts: 0 to 1000, 5 ranges. DC Current: 0-10 amps, 5 ranges. Resistance R×1, R×10, R×1000, R×10,000 (10 ohms center scale). dB: −10 to +62, 5 ranges. Requires one "AA," one 9V battery. 6 1/4 × 4 1/2 × 1 3/4". **22-203** **34.95**

25 Ranges, 20,000 Ohms/Volt

Output Jack for AC-or-DC Testing **27.95**

Single-knob range switch with "off". Easy to read 4" mirrored scale. DC Volts: 0 to 1200, 7 ranges. AC Volts: 0 to 1200, 5 ranges. DC Current 0 to 300 milliamps, 4 ranges. Resistance: R×1, R×10, R×100, R×1000 (24 ohms center scale) dB: −20 to +63, 5 ranges. Accuracy: ±3% DC, ±4% AC. 5 1/2 × 3 7/8 × 1 1/2". Requires one "AA" battery. **22-202** **27.95**

18 Ranges, 20,000 Ohms/Volt

19.95 ***Big-Meter Features at A Little Meter Price***

Features range selector with "off" position, 3" meter, mirrored and color-coded scale. DC Volts: 0 to 1000, 5 ranges. AC Volts: 0 to 1000, 4 ranges. DC Current: 0 to 250 milliamps, 2 ranges. Resistance: R×1, R×10, R×1000 (24 ohms center scale) dB: −20 to +62, 4 ranges. Accuracy: ±3% DC, ±4% AC. 5 1/8 × 3 1/2 × 1 7/16". Requires "AA" battery. **22-201** **19.95**

8-Range, 1000 Ohms/Volt Pocket Tester

Keep One in Your Glove Compartment! **10.95**

Compact size makes it perfect for shop, car, or home! Has 2" meter, mirrored scale to prevent parallax, pin jacks for all ranges. AC and DC Volts: 0-15-150-1000. Current: 0-150 mA, DC. Resistance: R×1000 (100,000 ohms, full scale). 3 1/2 × 2 5/16 × 1 1/4". Requires "AA" battery. **22-027** **10.95**

Dynamic Transistor Checker

14.95 ***Tests PNP and NPN, Silicon and Germanium***

Makes Go/No-Go tests on small-signal and power types and permits matching of similar transistors. Indicates relative current gain, "opens," "shorts." Socket plus hook-clip leads for in-circuit tests. Output jacks for external meter or scope. 2 3/4 × 4 3/8 × 1 3/16". Requires "AA" battery. **22-025** **14.95**

Tester Carrying Cases

Low As 5.95 ***Enough Room for All The Essentials***

Meter not included

Safeguard your multimeter with this convienent carrying case. Enough space for your leads, manuals, and extra batteries.

Use With Tester No.	Cat. No.	Each
22-203/204/191/192	22-153	6.95
22-201/202/197/027	22-154	5.95

ALL VOM'S INCLUDE COLOR-CODED TEST LEADS AND INSTRUCTION MANUALS

Convenient Wireless Remote Control Systems
Take Command of Lights and Appliances In Your Home

Deluxe Remote Control Timer Center Now Includes Battery Backup and Battery Test

69.95

- ***Instantly Sends On/Off Commands at The Pre-Set Times***
- ***Just Plug-In—Uses AC House Wiring***

Battery Backup

During power failures, batteries keep the timer running and prevent loss of programmed times in memory. Battery test button allows testing without removing batteries.

Built-in timer automatically controls up to eight electrical devices around your home. It can wake you up, make the coffee, turn the radio on, start dinner, turn outdoor lights off and much, much more! Just plug appliances and lights into Modules (below), then into AC wall outlet. Program each light or appliance to turn on or off at the same time each day or vary the times for an "at-home" look. Instantly turn all lights on in emergencies, or turn all lights and appliances off. Battery backup requires four alkaline "AA" batteries. 3 1/16 × 5 3/4 × 5 3/8". U.L. listed. **61-2679** **69.95**

Mini Remote Control Center

24.95

Small Enough To Place Anywhere—Even Mounts on Wall

Instantly control eight lights or appliances with Modules (below). Individual on/off, brighten/dim lights, all lights on, all units off. 1 1/16 × 4 5/8 × 3 3/4". U.L. listed. **61-2677** . . **24.95**

Remote Control Center Operates Electrical Devices With the Touch of a Button

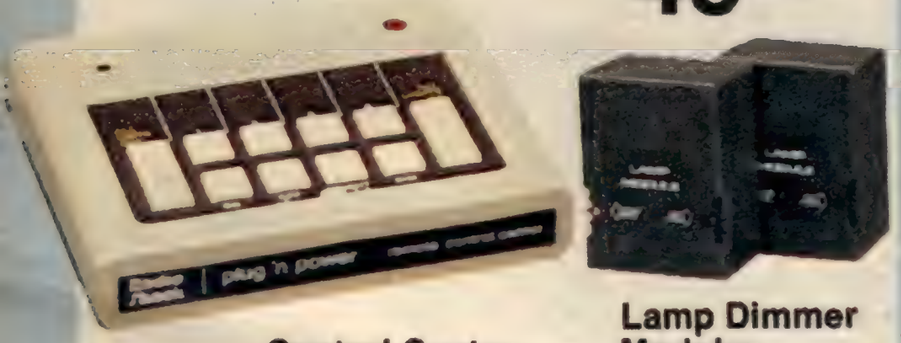
42.95

"Panic Lights" Switch Flashes Lights On and Off to Attract Attention and Scare Away Intruders

Provides control of up to sixteen lights or appliances from one convenient location! Use as many Control Centers and Modules (below) as you wish—no special wiring to install. Turn on lights in any room and adjust their brightness. Also remotely control TV, stereo, and appliances. In an emergency All-Lights-On instantly switches all lights on. All-Off controls both lights and appliances. 4 3/4 × 3 1/2 × 3 1/2". U.L. listed. **61-2678** **42.95**

Mini Remote Control Center "Starter" System

49.95



Control Center

Lamp Dimmer Modules

Mini Remote Control Center (61-2677, above) and two Lamp Dimmer Modules (61-2682, right) put any two lights in your home under remote control. Add other modules to control appliances and more lights.

Controller With Dimmers. Save $8.98.
Reg. separate items 58.93 . . . . . **49.95**

Remote Control Modules for Lights Or Appliances

A

16.99

B

16.99

C

D

17.99

17.99

E

21.95

All Modules Are U.L. Listed.

A **Appliance Module.** Turns appliance on and off. Maximum ratings: resistive load, 15 amps; motor load, 1/3HP; incandescent lamp, 500 watts. **61-2681** **16.99**

B **Lamp Dimmer Module.** For incandescent lamps up to 300 watts. On, off, brighten, dim. **61-2682** **16.99**

C **Wall Switch Module.** Replaces standard wall switch. For incandescent lamps up to 500 watts. On/Off by remote or local control, brighten/dim by remote control. **61-2683** **17.99**

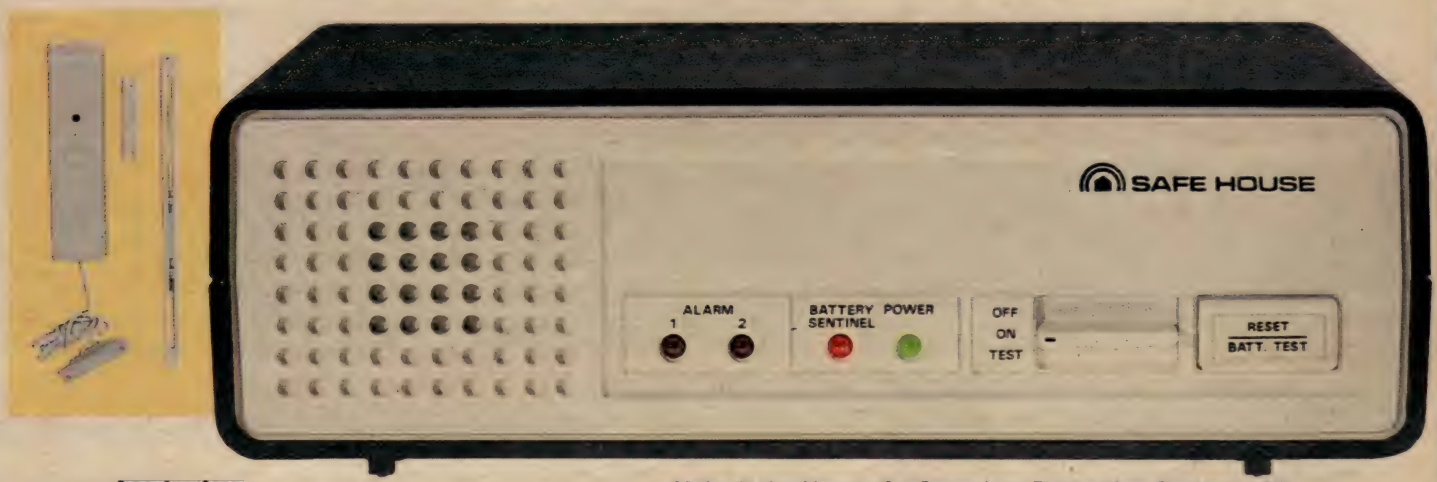
D **Universal Appliance Module.** For appliances with a 3-prong grounded plug. Maximum ratings: television, 400 watts; other ratings same as Appliance Module. **61-2684** **17.99**

E **Wall Outlet Module.** Replaces existing wall outlet. Turns lamps or appliances on and off. One outlet switched, one unswitched. Max. ratings same as Universal Appliance Module. **61-2685** **21.95**

SAFEHOUSE™ Wireless Home or Office Burglar Alarms

Easy Installation—No Wires—Expandable for Added Protection

Value-Priced Perimeter-Type Alarm System for Whole-House Protection



Includes Main Alarm and One Door Transmitter

99.95

- ***Make it the Heart of a Complete Protection System—It's Expandable, Just Add More Window/Door Transmitters***
- ***Sounds Loud Alarm from Built-In Speaker, Or Add Super-Loud Indoor/Outdoor Siren***

This low-cost "total" security system provides perimeter protection—the best kind, and recommended by professionals! Just plug Receiver/Central Alarm into any AC outlet and place the compact transmitters at doors and windows. No wires to run from the transmitters to the receiver. If an intrusion attempt occurs, system sounds a loud alarm from the built-in speaker, or you can add an extra-loud indoor/outdoor siren. Automatic alarm shutoff and reset. Exit/entry delay is selectable at each transmitter—15 second entry, 30 second exit. Two channels let you "zone" the system; for example, doors and windows or house and garage. Receiver features U.L. listed AC operation with battery backup (requires eight "AA" alkaline batteries) in case of AC failure. Walnut vinyl trim. Transmitter has battery-test feature (requires 9V battery). Receiver, 3¼ × 10¼ × 5". Transmitter, 6 × 1⅜ × 1⅛". **49-410** **99.95**

Extra Transmitter. Requires 9V battery. **49-411** **29.95**

Two-Sound Indoor/Outdoor Siren. 49-488 . . . . . **19.95**

Our Best! Microprocessor-Controlled Perimeter Burglar Alarm System

NEW LOW PRICE **159.95** Was $179.95 In 1982 Catalog

Includes Main Alarm, One Door Transmitter

- ***No Wires to Run from Transmitter to Main Alarm Control***
- ***Design Your Own Highly Effective "Total" Security System***

SAFEHOUSE System. Plug Receiver/Central Alarm into any AC outlet and place transmitters at doors and windows. Loud built-in speaker alarm, or add a super-loud Indoor/Outdoor Horn (below). Automatic alarm shutoff and reset. Program your own digital "disarm code" and an exit/entry delay of five to 45 seconds. Two channels let you "zone" the system. Six LEDs show functions, confirm system is working. U.L. listed AC operation with battery backup (requires six "C" cells) in case of power failure. Walnut vinyl trim. 3¼ × 10¼ × 6½". Transmitter requires 9V battery, has automatic low-battery warning.
49-401 . . . . . **159.95**

Extra Transmitter. Requires 9V battery. **49-402.** . . **Each 29.95**

Outdoor Alarm Horn. Was $39.95 in 1982 Catalog.
49-500 . . . . . **29.95**

Expand Your System With Any Number of Transmitters to Protect Other Doors and Windows

Smoke Detectors and Intrusion Alarms Save Lives

Ionization Smoke Detector and Alarm

16.95 NEW FOR '83

- *No AC Power Required*
- *Low-Battery Warning Circuit*

Sensitive, battery-powered detector continuously monitors the air. Responds quickly to smoke or invisible combustion particles by sounding a loud, built-in alarm. 7″ dia. × 2″ thick. Battery lasts up to one year. Includes mounting hardware. U.L. listed.
49-455 . . . . . **16.95**

Attaches to wall . . .

. . . or to ceiling

Includes 9V battery

Portable Smoke Detector/Alarm

NEW FOR '83

19.95

With Adjustable Bracket

- *Keep Safe at Home and Wherever You Travel*
- *Includes 9V Battery—No AC Power Required*

Available Nov. 30, 1982

The smoke alarm that travels with you for security and protection. Fits easily in a suitcase or traveling bag. Continuously monitors air—responds quickly to smoke and invisible combustion particles with loud, built-in alarm. Includes adjustable bracket for easy mounting on door. U.L. listed. **49-456** **19.95**

Deluxe Ultrasonic Motion Detector—Perfect for Home or Apartment

99.95 **Dual Protection! Ultrasonic Plus Perimeter** NEW FOR '83

- *Automatic Shutoff and Reset After Alarm Sounds*
- *30-Second Exit/Entry Delay Prevents False Alarms*
- *24-Hour Panic Circuit Sounds Alarm Instantly*
- *Battery Backup Operates System Up to Four Hours In Case of AC Power Failure*

Get reliable security protection without a complicated installation. Easily arms and disarms by a "secret" keyboard code that you set. LED indicators show system status. Entry/exit delay allows you to leave and return without setting off alarm. "Walk-Test" defines protected area. Covers up to 20 × 30 feet and sounds a loud, built-in alarm or optional external super-loud siren or bell (below). Can be used with optional accessories such as a perimeter alarm—alone or combined with motion detector. Simulated walnut finish. 3¾ × 10½ × 8¼″. U.L. listed. **49-304** **99.95**

No Wiring Required—Just Plug in and Aim

Available Oct. 30, 1982

Ultrasonic Intrusion Alarm System for Low-Cost, Dependable Security

69.95

- *Detects Movement in a 20 × 30-Ft. Area*
- *Loud Built-In Alarm • "Walk-Test" Lamp*

An affordable one-piece security system. Motion triggers built-in alarm or optional super-loud siren or bell (below). Alarm can sound instantly or with 15-second delay. Adjustable sensitivity, remote on/off, an automatic 20-second delay for leaving the room without setting off a false alarm, plus battery backup provision. Simulated walnut finish. 2¾ × 9½ × 8¼″. U.L. listed.
49-303 . . . . . **69.95**

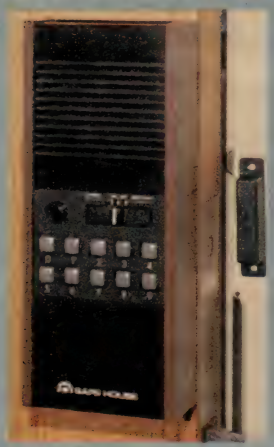
No Installation—Just Plug in and Aim

Optional Sirens and Bell for Alarms on This Page

Electronic Siren. 49-488 . . . . . **19.95**
Supersiren. 49-525 . . . . . **39.95**
8″ Underdome Alarm Bell. 49-498 . . . . . **22.95**

Get Radio Shack Security for Your Home and Family

Combination Door Alarm and Entry Chime For Safety, Convenience



24.95 NEW FOR '83

- *Arms With Secret Keyboard Code*
- *Exit/Entry Delay*
- *Compact—Easy to Install*

Alarm protection, plus pleasant-sounding chime "announces" callers when door is opened. LED indicator shows if you "punched in" the right code. Delay lets you leave and return without setting off a false alarm. 6⅝ × 2¾ × 1¼". Requires 9V alkaline battery. **49-422** **24.95**

Low-Cost Solid-State Electronic Alarm for Doors and Windows

11.95

- *No Wiring—Easy to Install*
- *Entry/Exit Delay*
- *Key-Operated On/Off Switch*

Reliable and easy-to-use alarm for low-cost protection. When tripped, emits loud, shrill sound to scare off intruders. Delay lets you come and go without triggering false alarms—or you can set it to sound instantly. 5⅛ × 2¼ × 1¼". Requires 9V battery. **49-421** **11.95**

Personal Alarm Protects Wallet or Purse

Available Sept. 30, 1982

6.95 Protect Your Valuables! NEW FOR '83

"Mini" Alarm Unit Clips Easily Onto Your Belt—Emits Loud, Piercing Sound if Wallet is Removed

Card inserts into wallet or purse. If thief attempts to remove wallet or purse, alarm sounds. On/off switch. Ideal for travelers, executives, and anyone who frequents crowded places. Requires two "AAA" batteries. **49-601** **6.95**

Hand-Held Personal Protection Alarm for Portable Security

9.95 NEW FOR '83 Available Oct. 15, 1982

- *Take it Walking, Jogging, Or Shopping*
- *Attaches to Any Door*

Emits a piercing signal until you turn it off with secret code. Features alarm activator bar and wrist strap for outdoor use, plus a door attachment for security inside. Alarm sounds up to one hour. Requires 9V alkaline battery. **49-610** **9.95**

Door-Hanger Guard

9.95

For Use on Most Wooden Doors

An inexpensive way to keep safe! Hooks over the inside of any doorknob and sounds loud, piercing alarm to warn of opening or tampering. Adjustable sensitivity. For wood doors only. Requires 9V battery. **49-461** **9.95**

Window/Door Alarm

3.49 *Install Several*

Protects doors and windows. Loud built-in alarm. Includes mounting screws and adhesive backing. Requires two "AA" batteries. **49-494** **3.49**

Personal Powerhorn

5.95 *Use to Summon Aid*

Hand-held security wherever you go! Gets attention, scares intruder. Fits in purse or pocket. Can be heard up to ½-mile away. **49-600** **5.95**

Power-Failure Light

15.95 *Built-In Battery*

Plugs into standard AC outlet. Battery powers light up to 90 minutes; recharges when AC is restored. 3⅝ × 1½ × 1⅛". U.L. listed. **61-2645** **15.95**

Automatic Night Light

6.29 *Switches on At Dusk*

Gets brighter gradually, as the night grows darker. Turns off at dawn. Plugs into AC. Indoor use only. 4¼ × 1½ × 1¼". U.L. listed. **61-2646** **6.29**

Window/Door Slide Stop

99¢

Halts Burglars!

Prevents sliding open windows or doors. Position stop for any size opening. **49-540** ..... **99¢**

Patio Door/Window Chain Lock

1.49

Fits Double Windows

Steel pin keeps patio doors from being pried open or lifted out. **49-543** **1.49**

Install Your Own Perimeter-Type Home Alarm Panel

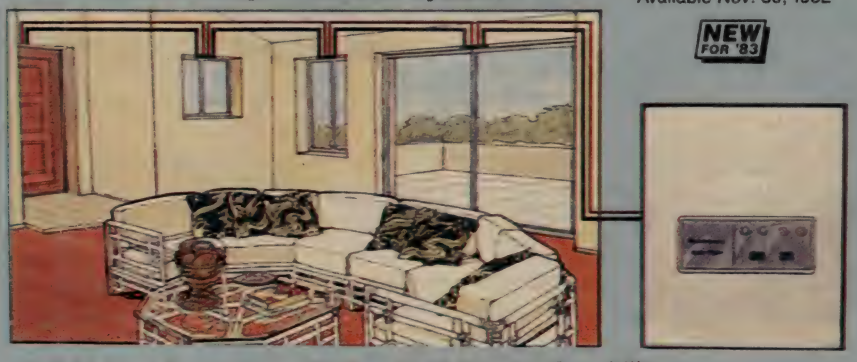
99.95

Low-Cost, Whole-House Protection for Your Family, Home and Property! Easy Do-It-Yourself Installation

"Custom Design" Your Own System!

Available Nov. 30, 1982

NEW FOR '83



- *Full 24-Hour Protection • Built-In Multi-Remote Capability*
- *Flexible and Expandable—Add Your Choice of Security Accessories*

Complete Alarm System Package

Save $19.35

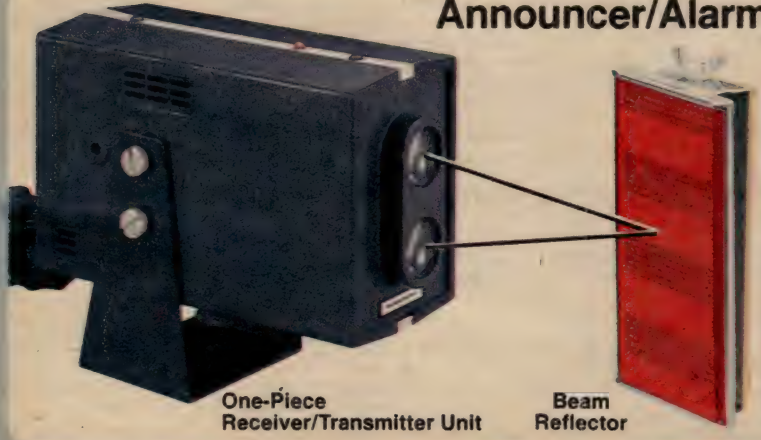
Reg. Separate Items 149.30

129.95

- A Alarm System Panel
- B Twisted Wire (100 feet)
- C High-Security Key Lock
- D Four Magnet Switches
- E Two-Sound Electronic Siren

Now you can protect your home with the same type of security system used by professionals! All the features you need are built right into the system panel—you can add alarm bells or sirens, key locks, security dialers, vibration sensors, glass-breakage detectors—any of the open or closed security devices on page 111. Two loops, one instant and one with adjustable 0-45-second entry and exit delays. You can add up to ten arm/disarm key switches for different entrances. There's even a panic switch circuit that's armed 24 hours a day for emergencies. Alarm shuts off after five minutes, then resets automatically. System is powered by a transformer that plugs into any 120VAC outlet, and features battery backup in case of AC failure. Four LED indicators in the all-steel control unit show system status at a glance. Power-on and arm/memory LEDs assure that the system is armed and working properly, and the loop indicator lights when all circuit detectors are in their normal state, and lets you know if you left a window or door unprotected. Separate battery and bell test buttons and battery indicator. Expandable to cover additional areas anytime. 11 7/16 × 8 1/4 × 3 9/16". Requires eight alkaline or ten rechargeable nickel cadmium "D" cells for battery backup. U.L. listed.
49-450 . . . . . **99.95**

Announcer/Alarm With Invisible Infrared Pulsed Beam



One-Piece Receiver/Transmitter Unit

Beam Reflector

69.95

Works as an Announcing System for People Entering a Given Area—Activates Built-In Buzzer When Beam is Broken

Works round-the-clock to signal entry into an area or guard against intruders! Shoots a beam of invisible infrared light across a space of up to 50 feet to the reflector, which bounces it back. Whenever the beam is interrupted, the alarm is triggered. Alarm can be set to sound continuously with manual reset, to sound only while beam is broken with automatic reset, or to sound for ten seconds after beam is broken, then reset. Features LED test alignment indicator and built-in buzzer plus output for connection of optional 12VDC bell or siren. 4 1/8 × 3 × 7 1/4". With adjustable mounting bracket. U.L. listed AC operation. **49-201** **69.95**

Reliable Accessories for Your Home Alarm System

8-Inch Underdome Alarm Bell

22.95

Loud heavy-duty bell for signaling or alarm systems in homes, schools or even factories. 1A at 12VDC. U.L. listed. **49-498** **22.95**

Two-Sound Electronic Siren

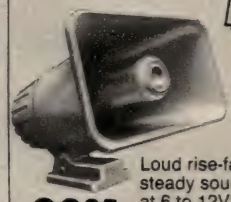
19.95

Sale and use of sirens for mobile purposes is prohibited in Calif. and certain other states.

Dual sound—loud "rise-fall" or steady. Weather-proof aluminum. ¾A at 12VDC.
49-488 ..... **19.95**

Hi-Power Two-Sound Siren

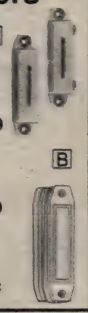
NEW FOR '83



39.95

Loud rise-fall or steady sound. 1A at 6 to 12VDC. Swivel base.
49-525 .... **39.95**

Magnet Switches And Spacers



A Contacts close when magnet engages. U.L. listed.
49-495 ..... **3.49**

A Contacts open when magnet engages. U.L. listed.
49-512 ..... **3.99**

B Spacers. Use with above on metal doors or uneven surfaces.
49-519 ... **Pkg. 6/99¢**

Window Foil and Block Connectors

A **Metallic Foil.** Connects to alarm, activates it when foil is broken. Self-adhesive 120-foot × ⅜-inch roll.
49-502 ..... **5.99**

B **Connectors.** Self-adhesive.
49-504 ..... **3 Pair/2.79**

Window Foil/ Vibration Contact

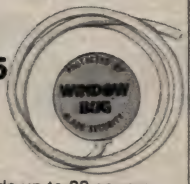
3.99

For Windows, Door Frames

Mount half on window or door, other half on frame. Does not interfere with normal opening of doors and windows.
49-518 ..... **3.99**

Glass Breakage Detector

7.95



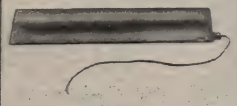
Guards up to 32 square feet of glass. For normally open or closed circuit alarms. With adhesive backing. U.L. listed.
49-516 ..... **7.95**

Vibration Detector

3.95

Detects impact vibration on any surface. Adjustable sensitivity. For normally closed circuits. Tamper-proof case. U.L. listed.
49-521 ..... **3.95**

Pressure Mat



10.95

For use in or outdoors (sealed)—conceals easily under rug, mat, carpet. For normally open circuits. SPST 1 amp, 25VDC. 6 × 24". **49-522** **10.95**

Panic Switch

1.49

Triggers Instant Alarm

Pushbutton activates alarm system in emergency. For normally open circuits.Contacts close when button is pushed.
49-517 ..... **1.49**

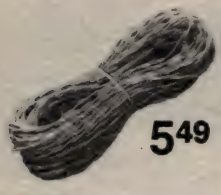
Contact Switch

1.79

For Windows, Door Frames

SPST contacts close when plunger is depressed. With screw terminals, mounting hardware. Rated 3A, 125 VAC. U.L. listed.
49-513 ..... **1.79**

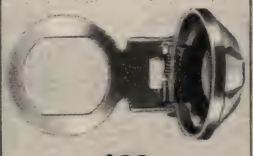
2-Conductor Twisted Wire



5.49

Perfect for use in making alarm system connections. 22-gauge. 100 feet.
278-860 ..... **5.49**

Key Lock Cover



1.69

Protective die-cast cover with spring-loaded hinge and rubber sealed gasket. Attaches easily to most key locks. **49-514** ... **1.69**

Lock Switch With Cover

4.69

Spring-loaded cover, screw terminals. With two keys. Ideal for car, home or business alarm systems. **49-515** **4.69**

High Security Round Lock Switch

9.95

With two keys. Key removes in "on" or "off" position. 3A, 25VAC.
49-511 ..... **9.95**

As above, but momentary contact. **49-523** **9.95**

Remote Key Plate

NEW FOR '83

5.95

For Most Keyswitches

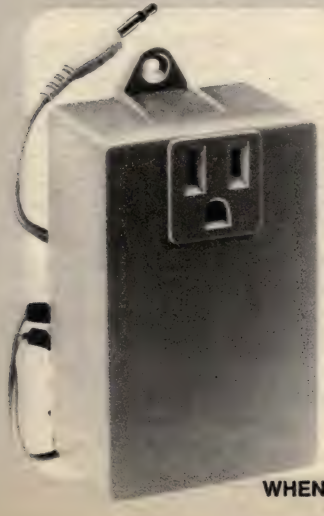
Red and green LED system status indicators, tamper switch. For 6 and 12VDC. With mtg. hardware. **49-524** **5.95**

Warning Decals

Pkg. of 5

99¢

Vinyl, adhesive decal warns you're protected by a Radio Shack security system. Mount inside on glass.
49-507 ... **Pkg. of 5/99¢**



Versatile External Alarm System Switcher

34.95 ***Activates Security Dialers, Lights and Other Appliances When Alarm Sounds***

Just connect it to the audio output terminals of 49-401 wireless alarm or other alarm systems with audio output terminals. When the system is activated, the external switcher turns on lamps or other devices up to 3 amps, 300 watts. Provides relay closure to operate security telephone dialer. U.L. listed.
49-510 ..... **34.95**

Plug 'n Power™ Alarm Interface Module

NEW FOR '83

Plugs into AC—Easy Wiring to Most Alarm Systems

39.95

Scares intruders away by turning on steady or flashing lights and other devices when alarm sounds—when alarm stops, the lights stay on and other devices shut off. Use with all Plug 'n Power remote control modules on page 106. Works with any Radio Shack and most other alarm systems. U.L. listed.
49-526 ..... **39.95**

Protect All Your Vehicles With a Mobile-Alert™ Alarm

"Silent" Alarm System With Pocket Receiver

99.95 Radio Signal "Beeps" You Up to ½-Mile Away

Only You Hear Alarm! The Thief Doesn't Know He's Been Detected And is Likely to Still Be There When Police Arrive

Features a "coded" mini-transmitter that installs in vehicle and a pocket receiver that signals you when your car is in danger of intrusion. Two electronic sensors mount on door posts or frame to detect tampering instantly. Just mount transmitter under dash and connect to existing car radio antenna. Keep the receiver with you to monitor your car's security. Adjustable sensitivity. Transmitter, 4¼ × 2¾ × 1¼". Receiver, 4 × 2 × 1". Receiver requires two "AA" batteries. (FCC CB license required.) 12VDC negative ground. **49-491** **99.95**

Deluxe Keyless Alarm System With Motion Sensor

NEW FOR '83

59.95

Senses Opening of Hood, Trunk or Doors—Motion/Vibration Sensor Detects Jacking, Towing And Tampering—Arms Itself Automatically 40 Seconds After You Leave Your Vehicle!

Protect your car and valuables inside against theft! Automatically arms itself 40 seconds after ignition is shut off and last door is closed. Disturbances trigger the super-loud alarm immediately, which blasts for approximately three minutes and resets to detect further disturbances. Automatic 20-second entry delay allows you to disarm the system with ignition key. Includes compact control module/motion sensor which can be easily concealed, complete instructions, cables and hardware. For any 12VDC negative ground vehicle. **49-762** **59.95**

Voltage-Sensing Alarm System

29.95

Operates on Voltage-Change Principle to Guard Trunk, Hood and All Doors—Also Protects CB, Tape Player

Dependable burglary protection for everything from cars to boats at a bargain price! Alarm delivers penetrating "high-low" sound that can be heard for blocks. Has extra lead to protect CB and tape units. Includes switches for trunk and hood, lock switch and two keys, wire, hardware, instructions. For 12VDC negative ground. **49-780** **29.95**

Keyless Voltage-Sensing System

47.95 **NEW LOW PRICE!** Was $59.95 In 1982 Catalog

- ***No Keys or Switches to Lose Or Forget—Arms Automatically After Last Door is Closed***
- ***Operates on Voltage-Change Principle With Switches For Hood and Trunk***

Siren emits an ear-piercing blast when door, hood or trunk is opened—optional motion sensor (below) can be added. Audible "system-armed" confirmation. Automatic 20-second delay lets you enter or leave car without triggering alarm. Auto-reset switch avoids prolonged noise and battery drain. With hood and trunk switches, hardware, instructions. 12VDC neg. gnd.
49-760 ..... **47.95**

Key Hide Away

69¢ ***No More Lockouts***

Hide an extra car or house key. Sticks to any magnet-holding surface. **49-050** ..... **69¢**

Extra Pin Switches

89¢ ***Pkg. of 2***

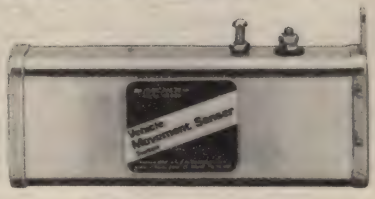
For hood, trunk or doors. Can be used with any system on this page. **49-509** ... **2/89¢**

Low-Cost Motion-Detector Switch

Senses Movement Of Your Vehicle **4.99**

Detects Jacking, Towing, Tampering

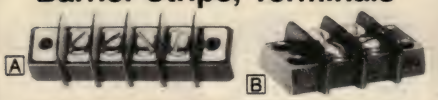
Ideal for do-it-yourselfers! Mounts easily under hood and can be added to any of the systems above except #49-762. 6⅜ × 2⅜ × 1⅜". Normally "off" circuit.
49-520 ..... **4.99**



Adjustable Sensitivity

"Hook Up" With Radio Shack Connectors and Fuses

Barrier Strips, Terminals



Barriers prevent short circuits. Feedthroughs have 3/16" solder terminals on rear. U.L. listed base material rated 600V, 30 amps max.

A Feedthrough Strips

Terminals	Cat. No.	Each
4	274-651	1.29
6	274-652	1.59
8	274-653	1.89

B Barrier Terminals

Terminals	Cat. No.	Price
2	274-656	2 for 1.19
3	274-657	2 for 1.39
4	274-658	1.39 Each
6	274-659	1.49 Each
8	274-670	1.59 Each

Eight-Position Jumper

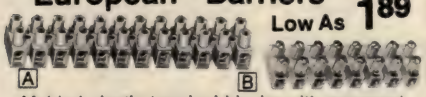
NEW FOR '83

1.49

Connects all terminals of #274-653 or #274-670. Can be cut to connect two or more terminals of any of the feedthrough and barrier strips above. **274-650** **1.49**

"European" Barriers

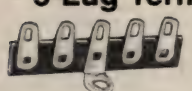
Low As **1.89**



Molded plastic terminal blocks with recessed set-screws to prevent accidental contact. Rated 600V, 10 amps per circuit.

A **12-Position. 274-679** **2.29**
B **8-Position. 274-678** **1.89**

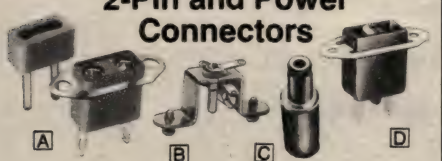
5-Lug Terminal Strips



Pkg. of 4 *Only* **89¢**

Phenolic, 3/8" centers. Center lug for grounding.
274-688 ..... **Pkg. of 4/89¢**

2-Pin and Power Connectors



A **2-Pin Plugs and Sockets.** 3 male, 3 female in red, black and ivory. Chassis-mount socket: 1/2 × 1/2". **274-342** **3 Pair/2.49**

B **Chassis-Mount Jacks.** For coax plugs below. Includes one each of .085" and .097" sizes. **274-1549** ..... **Pkg. of 2/99¢**

C **Coax Plugs.** Fit adapter sockets of most battery-operated equipment and jacks listed above. One each of .085 and .097" inside diameter. 1"-long. .218" outside diameter.
274-1551 ..... **Pkg. of 2/1.69**
1 3/4"-Long. .196" O.D. **274-1550** **2/1.79**

D **AC Sockets.** Chassis mount. Solder lugs. Flange has 1.25" hole spacing. U.L. listed. **270-642** ..... **Pkg. of 4/1.49**

Multi-Conductor Connectors

Indexed pins. Plugs fit only one way, and only into matching sockets. 7.5 amps, 500V max.

Male Cord Connectors

Mate with female cord or chassis connectors below that have the same number of pins.

Pins	Cat. No.	Each
2	274-201	1.59
4	274-204	1.69
6	274-207	1.89

Female Cord Connectors

2	274-202	1.69
4	274-205	1.79
6	274-208	1.99

Chassis-Mount Sockets

2	274-203	.99
4	274-206	1.09
6	274-209	1.29

Holders for 1 1/4 × 1/4" Fuses

One for Every Purpose

A **Four-Position "Fuse Block."** Ideal for automotive use—accepts quick-disconnect (auto-type) connectors, or can be soldered. 30 amps per circuit. Glass-filled polyester. U.L. recognized.
270-742 ..... **2.19**

B **Clip-In.** For chassis mounting. Bakelite. Solder terminals. **270-739** ..... **Pkg. of 2/79¢**

C **Screw** For panel mounting. 10 amps at 250VAC. U.L./CSA approved. **270-367** ..... **99¢**

D **Panel-Mount.** 1 5/8" long, requires 1/2" mounting hole. Solder terminals. **270-364** ..... **89¢**

E **Panel-Mount.** 1 5/8" long, requires 1/2" mounting hole. Modern-look square bezel.
270-365 ..... **99¢**

F **Inline.** Spring assures positive contact pressure. Tinned wire leads. **270-1281** ..... **89¢**

G **Quick-Connect.** Solderless, requires 14 to 24-gauge wire. **270-366** ..... **99¢**

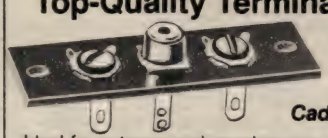
Fuse-Puller

1.59

Insulated

Makes it easy to remove miniature, auto, industrial and screw-in types safely and without damage.
64-1832 ..... **1.59**

Top-Quality Terminal Strips



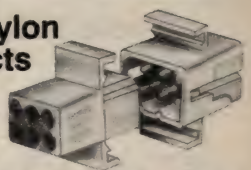
Low As **99¢** Pkg. of 2

Cadmium Plated

Ideal for antenna and speaker connections.
2-Terminal With Centered RCA-Type Phono Jack. Shown above. 2 3/8" long.
274-620 ..... **Pkg. of 2/1.29**
2-Term. 1 11/16" long. **274-663** ..... **Pkg. of 2/1.09**
4-Term. 2 9/16" long. **274-665** ..... **Pkg. of 2/99¢**

Multi-Conductor Nylon Quick Disconnects

Low As **99¢** Pair

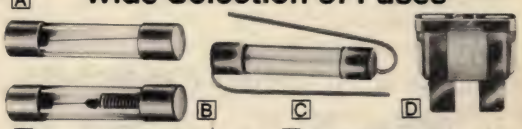


Durable molded connectors for electronic and automotive use. Polarized to assure proper hookup. Pins may be crimped or soldered to wire, then inserted into housing. Each circuit rated 8 amps at 125VAC.

No. of Pins	Type	Cat. No.	Each
4	Male	274-224	1.09
6	Male	274-226	1.39
9	Male	274-229	1.59
12	Male	274-232	1.69
4	Female	274-234	1.09
6	Female	274-236	1.39
9	Female	274-239	1.59
12	Female	274-242	1.69

Two-Pin Male/Female Set. 274-222 ..... **Pair/99¢**

Wide Selection of Fuses



A Fast-Acting 1 1/4 × 1/4"

Amps	Cat. No.	Pkg. of 3
1/4	270-1270	.69
1/2	270-1271	.69
3/4	270-1272	.69
1	270-1273	.69
1.5	270-1274	69
2	270-1275	.69
2.5	270-1260	.69
3	270-1276	.69
4	270-1277	.69
5	270-1278	.69
6	270-1252	.69
7	270-1253	.69
8	270-1254	.69

B Slow-Blow 1 1/4 × 1/4"

Amps	Cat. No.	Pkg. of 2
1/2	270-1282	1.19
1	270-1283	1.19
1.5	270-1284	1.19
2	270-1285	1.19
3	270-1286	1.19
4	270-1289	1.19
5	270-1287	1.19
6	270-1291	1.19
7	270-1292	1.19
8	270-1293	1.19

C Fast-Acting Pigtail

Amps	Cat. No.	Pkg. of 2
1/4	270-1220	.99
1/2	270-1221	.99
3/4	270-1222	.99
1	270-1223	.99
1.5	270-1224	.99
2	270-1225	.99
2.5	270-1226	.99
3	270-1227	.99

A SFE-Type Auto

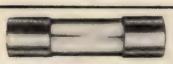
Amps	Cat. No.	Pkg. of 3
20	270-1268	.69

D Blade-Type Auto

Used in most late-model vehicles.

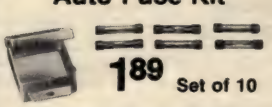
Amps	Cat. No.	Pkg. of 2
10	270-1206	.89
15	270-1207	.89
20	270-1208	.89
25	270-1209	.89

Instrument Fuses



Used in Radio Shack liquid-crystal digital multimeters and other test equipment. Rated one amp. 3/4" × 3/16" diameter. It pays to carry spares! **270-1250** ..... **Pkg. of 2/89¢**

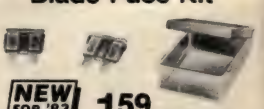
Auto Fuse Kit



1.89 Set of 10

Pack of most-used glass types. Two SFE-9, one each: AGC-3, AGC-10; three each: 14-amp and 20-amp.
270-1262 ..... **Set 1.89**

Blade Fuse Kit



NEW FOR '83 **1.59** Set of 5

Box with one each of the most-used plastic types: 5, 10, 15, 20, 25 amps. Color-coded. 32 volts.
270-1201 ..... **Set 1.59**

Radio Shack Linear ICs—Big Selection, Low Prices!

Audio Power Amplifiers

Low As **1.09**

LM383/TDA2002. Designed for autosound but ideal for many other uses. Produces up to 8 watts rms at 13.8VDC. For 4-ohm loads (two 8-ohm speakers paralleled). Built-in thermal shutdown. 5-pin TO-220. Heat sink required. **276-703** **3.19**

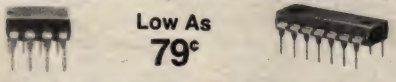
LM1877. Easy-to-use stereo amplifier for 8-ohm loads provides up to 2 watts rms per channel. 70 dB channel separation. 9-30VDC single or split supply. 14-pin DIP. **276-702** **2.99**

LM386. Low-voltage amplifier for 8-ohm loads requires minimum support parts—ideal for projects. 400 mW output. Fixed gain: 20, adjustable to 200 by external resistor and capacitor. 4-12VDC. 8-pin DIP. **276-1731** **1.09**

TA7205AP. Japanese automotive replacement. 5.8-watt output. 9-18VDC. THD: 0.07%. **276-705** **3.49**

LM380. NEW! 2.5-watt amplifer for 8-ohm loads is ideal for TV sound systems, radios, phonographs, intercoms and projects. Low distortion. 150k-ohm input. Internal thermal limiting. 8-10VDC. 14-pin DIP. **276-706** **1.59**

Operational Amplifiers (Op Amps)



Low As **79¢**

741. Frequency compensated. Overload protected. Split supply, 5 to 16VDC. 8-pin DIP. **276-007** ..... **79¢**

1458. Dual op amp. Internally compensated. Low power consumption. Split supply, 5 to 16VDC. 8-pin. **276-038** ..... **99¢**

LM324. Quad op amp. Single 3 to 30VDC or split 1.5 to 15VDC supply. 14-pin. **276-1711** **1.29**

BiFET Op Amps. Feature low-noise, high-impedance JFET inputs. Low distortion, 13V per µs slew rate, low power consumption. Require split 4 to 18VDC supply.

Type	DIP	Cat. No.	Each
TL081 (Single)	8-pin	276-1716	1.49
LF353N (Dual)	8-pin	276-1715	1.89
TL084C (Quad)	14-pin	276-1714	2.99

NFET Op Amps. NEW! Typical input impedance: one trillion ohms. Frequency compensated. Short-circuit protected. Single supply operation permits sensing input levels at or near ground potential. Output will swing all the way to ground. Operate from 3 to 36VDC, single or split supply.

Type	DIP	Cat. No.	Each
TL091 (Single)	8-pin	276-1745	1.79
TL092 (Dual)	8-pin	276-1746	2.29
TL094 (Quad)	14-pin	276-1747	4.49

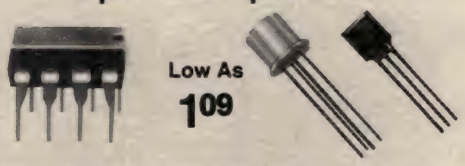
CMOS Op Amps. NEW! Protected inputs and outputs. Unbelievably low power consumption (low as 10 microwatts). 1 picoamp input current. Frequency compensated. Easy interfacing with all logic and linear devices. Very low noise.

Type	DIP	Cat. No.	Each
ICL7611 (Single)	8-pin	276-2330	2.49
ICL7621 (Dual)	8-pin	276-2331	3.79
ICL7641 (Quad)	14-pin	276-2332	4.99

LM3900. Quad Norton op amp. Single 4 to 36VDC supply. Unity gain bandwidth: 2.5 MHz. Large output voltage swing. Useful in RC active filters, tachometers, low-frequency waveform generators. 14-pin DIP. **276-1713** **1.39**

LM339. Quad Comparator. Four independent voltage comparators in a 14-pin package. Input common-mode voltage range includes ground, even though operation is from a single 2 to 32V supply. **276-1712** **1.49**

Special-Purpose ICs



Low As **1.09**

LM387 Low-Noise Stereo Preamplfier. NEW! Ideal for custom high-fidelity systems, magnetic cartridge and tape head preamps. Offers high gain (104 dB open loop) and 60 dB channel separation. 0.8 microvolt total input noise. Operates from single 9 to 30VDC supply. 8-pin DIP. **276-1737** **1.29**

LM3909 LED Flasher. Pulses LEDs with minimum current drain and external parts. Dozens of other uses, too. Adjustable flash rate. Single 1.5 to 6VDC supply. 8-pin DIP. **276-1705** **1.09**

LM334 Temperature Sensor. Usable as a linear temperature sensor, or as a zero-drift current source by adding a resistor. 10,000-to-1 range. For 1-40VDC. TO-92 case. **276-1734** **2.49**

ICM7201 Low-Voltage Indicator. NEW! Easy-to-use device lights external LED (not incl). when voltage falls below preset 2.9V level. Just add a voltage divider for low-battery warning for virtually any battery pack—ideal for nickel-cadmiums! Low power consumption. TO-72 case. **276-2333** **3.59**

Audio Compressor/Expander

NEW FOR '83 **6.99**

NE572. Dual channel—either can be used for dynamic range compression or expansion. Independent control of attack and recovery. Ideal for noise reduction systems. 6 to 22VDC single supply. 16-pin with data. **276-1781** **6.99**

Bucket Brigade Stereo Reverb

11.95

Build a Processor for Your Hi-Fi or Musical Instrument Amplifier

SAD1024. Adds exciting variable reverb, phase shift, echo, chorus or vibrato effects to audio signals. NMOS design, operates from single supply. 16-pin DIP with applications circuits and data. **276-1761** **11.95**

Versatile Sound Synthesizer

2.49

NEW FOR '83

Microprocessor Controllable

SN94281. This 16-pin IC, a few parts and your imagination can create a variety of exciting sounds. Built-in 125 mW amp drives speaker. 7.5 to 10.5VDC single supply. **276-1767** **2.49**

Phase-Locked Loops

Low As **1.69**

For Modems, SCA Adapters, AFSK & More

LM567. Tone detector. 0.01 Hz to 500 kHz. 4.75 to 9VDC. 8-pin. **276-1721** **1.99**

LM1800. FM stereo decoder. No coils—tunes with one pot. 16-pin. **276-1719** **2.49**

LM565. For FM SCA and RTTY decoders, modems, freq. synthesizers, IR communicators. 14-pin. **276-1720** **1.69**

Waveform Generator

NEW FOR '83 **5.95**

Function Generator On a 14-Pin DIP!

ICL8038. Produces high-accuracy sine, square, triangle, sawtooth and pulse waveforms with minimum external parts. Simultaneous high-level sine, square, triangle outputs (TTL to 28V). Range: .001 Hz to 300 kHz+. Can be FM'ed or frequency swept with external voltage. Single/split supply. **276-2334** ... **5.95**

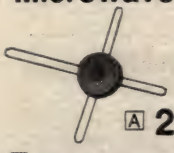
V to F, F to V IC

3.49

- ***Bipolar/CMOS***
- ***High Accuracy, Low Power Consumption***

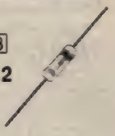
9400. Accepts an analog voltage and generates a proportional frequency, or provides output voltage in proportion to input frequency. Both modes to 100 kHz. Single/split supply. 14-pin. **276-1790** **3.49**

Radio Shack is Your Microwave Device Source!



1.99 [B] **Pkg. of 2**

[A] **2.99**



[A] **MRF-901.** Low-noise NPN for use to beyond 2000 MHz. Beamlead-style macro-X case. 300 mW. **276-2044** **2.99**

[B] **5082-2835.** Schottky barrier diodes. Ideal for UHF and microwave stripline mixers. Maximum capacitance: 1 pF. **276-1124** ..... **Pkg. of 2/1.99**

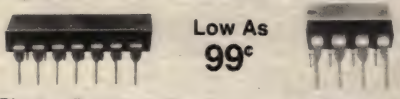
CdS Photocell

For Security, Counting, Even Model Railroads!

1.29

Cadmium sulfide cell offers wide resistance range—approximately 3 megohms in darkness to 100 ohms in bright light. 200 milliwatts at 170V, max. ½ × ¼". **276-116** **1.29**

Bipolar and CMOS Timer ICs



Low As **99¢**

Bipolar. Resettable time from one microsecond to one hour. Output will source or sink 200 milliamps. 4.5 to 16VDC

Type	DIP	Cat. No.	Each
555 (Single)	8-pin	276-1723	.99
556 (Dual)	14-pin	276-1728	1.49

CMOS. Replacements for 555 and 556 with very low power consumption (80 microamps per section). Will source or sink 100 milliamps.

Type	DIP	Cat. No.	Each
7555 (Single)	8-pin	276-1743	1.99
7556 (Dual)	14-pin	276-1744	2.99

REFER TO RADIO SHACK'S SEMICONDUCTOR REFERENCE GUIDE FOR MORE DETAILS ON LINEAR ICs

Radio Shack Optoelectronics—Illuminating Values!

T-1¾ (Jumbo) Diffused Lens

Fig.	Color	Cat. No.	Pkg. of 2
A	Red	276-041	.79
A	Yellow	276-021	.89
A	Green	276-022	.89

T-1 (Miniature) Diffused Lens

Fig.	Color	Cat. No.	Pkg. of 2
B	Red	276-026	.79
B	Yellow	276-031	.89
B	Green	276-037	.89

Rectangular LEDs. High brightness.

Fig.	Color	Cat. No.	Pkg. of 2
C	Red	276-070	.99
C	Yellow	276-072	.99
C	Green	276-071	.99
C	Orange	276-074	.99

Light It Up With LEDs

We Have a Color, Size and Shape For Almost Every Application!

High-Brightness Fresnel Lens. Mount in 5/16" hole. 2V at 20 mA typ.

Fig.	Type	Color	Cat. No.	Pkg. of 2
D	TLR-107	Red	276-033	.89
D	TLG-107	Green	276-034	.99

E Micromini Red Clear Lens. Type TLR-121. 10 mA—ideal for on-card monitoring. **276-032** . . . . . **Pkg. 4/1.19**

F Chrome LED Panel Lamp Holders. Accept standard T-1¾ LEDs. 3/32" mounting hole. **276-080 Pkg. of 2/1.19**

LEDs With Chrome Holders. Mount in ¼" hole. Require approx. 2.0V.

Fig.	Color	Cat. No.	Pkg. of 2
G	Red	276-068	1.59
G	Green	276-069	1.59
G	Yellow	276-073	1.69

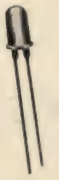
High-Brightness With Black Snap-In Holders. NEW! T-1¾ size. Mount instantly in 5/16" holes.

Fig.	Color	Cat. No.	Pkg. of 2
H	Red	276-018	1.79
H	Green	276-019	1.89

Tri-Color LED

1.39 ***Popular T-1¾ Size***

XC-5491. Perfect for status indicators and testers. Glows red on DC, green on reverse DC, yellow on AC! 2.2V at 25 milliamps, typical. **276-035** . . **1.39**



Red Flasher LED

1.29 ***TTL/CMOS Compatible***

FRL-4403. CMOS IC and high-brightness LED in one T-1¾ package. Rate 5Hz. 20 milliamps at 5VDC.
276-036 . . . . . **1.29**

8-Bit A to D Converter

5.99

ADC0804. Designed for use with any 8-bit microprocessor. Accurate to ±1 LSB. Low-power MOS technology. Easy to use. 20-pin. Single 5V DC supply. **276-1792** **5.99**

ICL8069 Voltage Reference. 1.2V temp-compensated type for use with above. TO-52 case. **276-1793** **2.19**

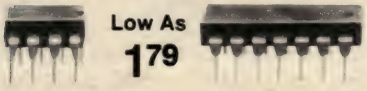
Low-Cost A to D Converter

2.59

- ***7-Bit Resolution***
- ***Converts Up to 1000 Operations per Second***

TL507C. For 4 or 8-bit microprocessors. I^2L technology enables single supply operation—regulated 3.5- or unreg. 8-18VDC. 8-pin with data. **276-1789** **2.59**

IF Amp, FM & Video ICs



Low As 1.79

MC1330 Video Detector. Used in many solid-state sets. Replaces 3rd IF, detector, video and AFC buffers. High linearity. Outputs: Wideband (to 8 MHz) video, AFT, narrow-band reverse video. 10-24VDC. 8-pin with specs. **276-1757** **2.49**

MC1350 Universal IF Amp With AGC. For radio and TV circuits. Usable DC to beyond 60 MHz. Typical gain at 45 MHz: 50 dB. AGC range: 60 dB min. 12VDC. 8-pin with specs. **276-1758** **2.19**

MC1358/CA3065 FM Detector. IF amp, limiter, FM detector, electronic volume attenuator and audio driver in a 14-pin. Use as TV replacement or in homebrew receivers (100 kHz to 5.5 MHz IFs). 10-24VDC. With specs. **276-1759** **1.79**

10.7 MHz IF Filter. 272-1301 . . . . . **2/1.99**

455 KHz IF Filter. 272-1302 . . . . . **99¢**

D to A Converter

DAC801. Produces varying output voltages, up to 20V peak-to-peak, with 8-bit input. Interfaces with all popular logic. Only 33 milliwatts at ± 5VDC. 16-pin with data. **276-1791** . . . **4.49**

4.49

Connect Micros to the Real World at Low Cost

1488 RS232 Quad Line Driver. Allows you to interface data terminal equipment with data communications devices. Can interconnect different logic families. Protected, current limited output. Will withstand accidental short to any conductor in interconnecting cable. Split supply, 15VDC maximum. 14-pin with data. **276-2520** **1.79**

1489 RS232 Quad Line Receiver. Use with above. Will perform logic level translation. Sections can be paralleled to obtain multiple outputs from one input. Input signal range ±30V. Built-in input threshold hysteresis. Single supply, 10VDC maximum. 14-pin with data. **276-2521** **1.79**

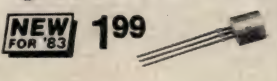
SN75446 Dual Peripheral Driver. Can take a logic-level signal and drive a relay, solenoid or other device directly, up to 350 milliamps, 50VDC. TTL/MOS compatible diode-clamped inputs. Very low input current. Single 5.5VDC supply. 8-pin with data. **276-2530** **2.79**

Single-Supply UART

5.95

AY-3-1015. NEW! Full-duplex universal transceiver accepts asynchronous serial binary characters and converts to a parallel format, and vice versa. Features user selectable baud rate, number of data bits per character, stop bits and parity mode. All inputs directly compatible with DTL, TTL and CMOS without need for interfacing components. Fully buffered outputs. Low power. 4.75-5.25VDC. 40-pin with specs and data. **276-1794** **5.95**

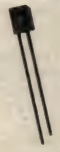
Light-Activated SCR



1.99

MRD-920. Controls 120VAC loads, ideal for firing slave photostrobes. 200V, 300 mA.
276-1095 . . . . . **1.99**

Fast PIN Photodiode



High Linearity **1.49**

TIL413. Ideal for IR communications, even music! PRV: 30. Diss: 150 mW. **276-144 1.49**

IR Phototransistor

89¢ ***High-Speed NPN***

TIL414. For data links, switching in model railroads, more. 50 mW. T-1¾ case.
276-145 . . . . . **89¢**

Emitter/Detector Pair

1.99

LED source: 20 mA at 1.7VDC. Sensitive phototransistor detector.
276-142 . . . . **Pair 1.99**

LED Digital Displays

1.79 Each

0.3"-High Numerals

Left-Hand Decimal. Bright seven segment displays rated 1.7VDC per segment, 20 mA typical. Fit 14-pin DIP sockets.

Common	Cat. No.	Each
Anode	276-053	1.79
Cathode	276-075	1.59

IR Optocoupler

2.19

High Isolation—1000V Minimum

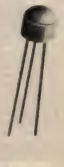
MOC3010. LED input. Triac output controls 120VAC, 100 mA max. 6-pin. **276-134** **2.19**

High-Output IR LED

Uses Only 20 mA at 1.3VDC **1.49**

XC880-A. Emits as much energy as 3 regular IR LEDs!
276-143 . . . . . **1.49**

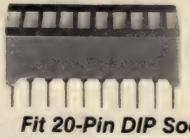
Phototransistor Bargain



89¢

Silicon. Similar to FPT-100. Sensitive, TTL/DTL compatible.
276-130 . . . . . **89¢**

LED Bar Graphs And Driver ICs



3.99

Fit 20-Pin DIP Sockets

MV53164. The convenient way to add metering to audio equipment and many other circuits! Ten high-efficiency yellow LED segments. Includes data.
276-082 . . . . . **3.99**

MV57164. Above with efficient red display. **276-081** **3.99**

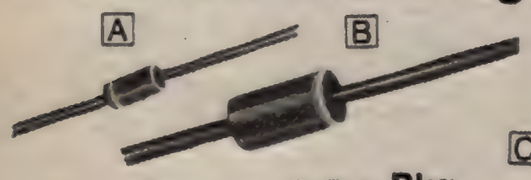
LM3914N LED Display Driver. Ten adjustable analog steps, selectable bar or dot mode. Stackable to 100 steps. 8-25VDC. 18-pin. **276-1707** **4.99**

LM3915N. As above, but with 3 dB log steps. **276-1708** . . . **4.99**

LM3916N. As above, but for VU metering. **276-1709** **4.99**

Solid (State) Values—At Your Nearby Radio Shack!

Rectifiers and Bridges for Power Supplies and Replacement Use



Low As **49¢** Pkg. of 2

A **Micromini 1-Amp Diodes.** 1N4000-series. 30A surge.

Peak Inverse Voltage (PIV)	Cat. No.	Pkg. of 2
50	276-1101	.49
200	276-1102	.59
400	276-1103	.69
600	276-1104	.79

B **3-Amp "Barrel" Diodes.** 1N5400-series. 300A surge.

PIV	Cat. No.	Pkg. of 2
50	276-1141	.79
200	276-1143	.89
400	276-1144	.99

Type PTC205 2.5-Amp, 1000 PIV Silicon Diodes. Use in high voltage and high-current power supplies. Just ¼ × ⅜". **276-1114** ..... **Pkg. of 3/1.49**

C **4-Amp Full-Wave Bridge Rectifiers.** Heavy-duty.

PIV	Cat. No.	Each
50	276-1146	1.39
100	276-1171	1.59
400	276-1173	1.89

D **1-Amp, 50 PIV Full-Wave Bridge Rectifier.** Rated 25A surge. For PC board or socket mounting. Two fit into a 14-pin DIP socket. **276-1161** ..... **89¢**

E **25-Amp, 50 PIV Full-Wave Bridge Rectifier.** Heavy-duty, ideal for battery chargers. ⅛" square metal case. **276-1185** **2.69**

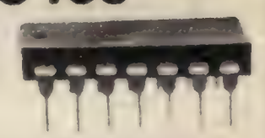
F **6-Amp, 50 PIV Full-Wave Bridge Rectifier.** Heavy-duty. 9/16 × 9/16 × 3/16". **276-1180** **2.19**

G **1.4-Amp, Full-Wave Bridge Rectifiers.** TO-5 cases.
50 PIV. 276-1151 ..... **1.09**
100 PIV. 276-1152 ..... **1.19**

4000-Series CMOS ICs

Low As **79¢**

- *With Pin-Out & Specs*
- *100% Prime "B" Series*



Description	Type	Cat. No.	Each
Quad 2-Input NOR Gate	4001	276-2401	.79
Quad 2-Input NAND Gate	4011	276-2411	.79
Dual Type D Flip Flop	4013	276-2413	.99
Decade Counter/Divider	4017	276-2417	1.49
Triple 3-Input NAND Gate	4023	276-2423	.99
Inverting Hex Buffer	4049	276-2449	.99
Non-Inverting Hex Buffer	4050	276-2450	.99
Quad Bilateral Switch	4066	276-2466	.99
Hex Inverter	4069	276-2469	.99
Quad Exclusive-OR Gate	4070	276-2470	.89
Quad 2-Input OR Gate	4071	276-2471	.99
2-Input AND Gate	4081	276-2481	.79
Quad 2-Input NAND Schmitt	4093	276-2493	1.19
BCD to 7-Seg. Latch/Driver	4511	276-2447	1.99

TTL/LS Digital ICs Low As 59¢

- *5VDC*
- *With Pin-Out & Specs*

Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	7400	276-1801	.59
Quad 2-Input NOR Gate	7402	276-1811	.69
Hex Inverter	7404	276-1802	.79
Quad 2-Input AND Gate	7408	276-1822	.79
Quad 2-Input OR Gate	74LS32	276-1915	.79
BCD to 7-Seg. Decoder/Drvr	7447	276-1805	1.19
Dual J-K M/S Flip-Flop	7473	276-1803	.79
Dual D Flip Flop	74LS74	276-1919	.79
Quad Latch	7475	276-1806	.89
Div. by 2/5 BCD Counter	7490	276-1808	.89
1 of 8 Decoder/De-mplxer	74LS138	276-1939	.99
Up/Down Binary Counter	74LS193	276-1936	1.29
Oct. 3-State Non-Inv. Drvr	74LS244	276-1941	1.59
Hex Buffer (3-State)	74LS367	276-1835	.99

Voltage Regulator ICs

Low As **89¢**

A **LM723.** Adjustable: 0 to 40VDC. 150 milliamps maximum. 14-pin DIP. **276-1740** ..... **89¢**

B **LM317K.** Adjustable: 1.2 to 37VDC output. 1.5A maximum. TO-3 case. **276-1777** **4.99**

C **LM317T.** Adjustable: 1.2 to 37VDC output, 1.5A maximum. TO-220 case. **276-1778** **2.99**

LM337T. Negative companion of LM317T. Great for "split" supplies. **276-1779** **3.99**

LM350T. Adjustable: 1.2 to 37VDC output. 3A maximum. TO-220 case. **276-1776** **5.99**

Fixed Voltage Regulators. Offer excellent ripple rejection. Overload protected with thermal shutdown. Max. input voltage: 35VDC, output current up to 1A. TO-220 cases. Heat sink (276-1363 or similar) mounting required.

Type	Output VDC	Cat. No.	Each
7805	+5	276-1770	1.59
7812	+12	276-1771	1.59
7815	+15	276-1772	1.59
7905	−5	276-1773	1.69

SCRs and Triacs

Low As **99¢**

6-Amp SCRs. Ideal for motor control. TO-220 cases.
200V. 276-1067 ..... **99¢**
400V. 276-1020 ..... **1.19**

6-Amp Triacs. For light dimmers, heat element control. Immune to transient damage. TO-220 cases.
200V. 276-1001 ..... **1.29**
400V. 276-1000 ..... **1.49**

Trigger Diodes. Bi-directional avalanche switches for use in triac-control circuits, relaxation oscillators, pulse generators. **276-1649** ..... **Pkg. of 4/1.98**

MOV Transient Protector

NEW FOR '83

Easy to Install

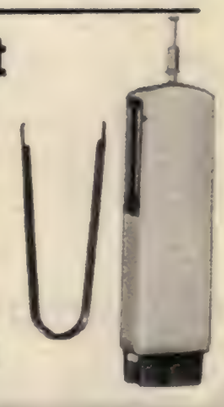
159

V130LA10A Metal Oxide Transient Voltage Absorber. Guards 120VAC equipment against malfunctions caused by voltage spikes. Less than 35 nanoseconds response time! Great companion for EMI/RFI filter (see p. 118). With application notes. **276-570** **1.59**

Inserter/Extractor Set

The Safe Way to Handle 8 to 24-Pin DIP ICs

695



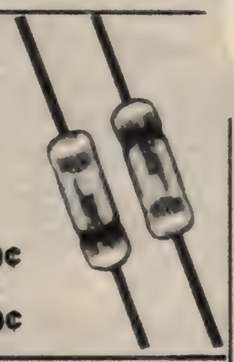
Handy tools help you remove or install DIPs without bending pins. Insertion tool has built in pin straightener. Both tools groundable to protect static-sensitive MOS devices. **276-1574** ..... **Set 6.95**

1-Watt Zener Diodes

89¢ Pkg. of 2

Type	Zener Voltage	Cat. No.
1N4733	5.1	276-565
1N4735	6.2	276-561
1N4739	9.1	276-562
1N4742	12.0	276-563
1N4744	15.0	276-564

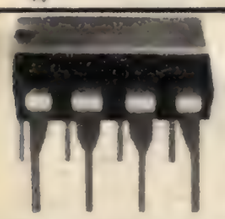
Small-Signal Diodes



Pkg. of 10 99¢

1N914/4148. Silicon switching diodes. 75 PIV. **276-1122** ..... **Pkg. of 10/99¢**
1N34A. General-purpose germanium diodes. 60 PIV. **276-1123** .. **Pkg. of 10/99¢**

Adjustable Zener Diode



189

TL431. Will sink 1 to 100 milliamps. Operates over 2.5 to 36-volt range. Design into voltage monitors, over- and under-voltage protectors, constant-current sinks, series regulators and more. 8-pin DIP with data. **276-559** **1.89**

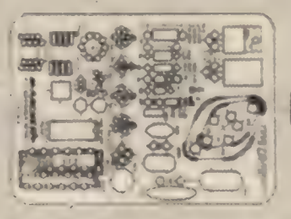
16K RAM and UV EPROM

Manufacturer's Prime
Under 450 ns Access

4116 16K Dynamic RAM. NEW LOW PRICE! 16,384 bits. 250 ns access. 1 ms refresh. 16-pin. Was $5.95 in 1982 Catalog. **276-2505** **3.95**

2716J-8 Single-Supply EPROM. NEW! 16,384 bits organized 2048 × 8. Erasable with UV (ultraviolet) light. 450 ns access. Low power consumption—525 milliwatts max. 24-pin. **276-2507** **6.95**

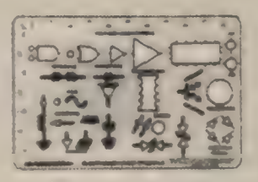
Here's the Easy, Exact Way to Draw Schematics & Lay Out PC Boards!



395

A **Each**

NEW FOR '83



A **PC Board Layout Template.** Durable transparent guide with exact-size cut-outs for all common PC components. Just mark boards for properly spaced holes and drill—your finished work will have that "pro" look! **276-179** **3.95**

B **Circuit Symbols Template.** A "must" for electronic students, teachers and designers. Durable see-through "stencil" has all the latest component and logic symbols, plus two rules. Makes it easy to draw "book-quality" schematics and flow charts. **276-180** **3.95**

Look! More Bargains for Building, Testing and Safety

Handy AC Outlet Analyzer

NEW FOR '83 **5.95**

No Handyman, Homemaker Or Musician Should be Without This Indicator

Neon readout warns you instantly if a three-wire outlet or extension cord is faulty—and many are! Just plug in this analyzer before using tools, testers, appliances or amplified musical instruments. Works even if circuit already has a ground-fault interrupter. For all 120VAC three-wire (grounded) outlets.
22-101 ..... **5.95**

Continuity Tester

NEW FOR '83 **4.99**

Doubles as a Light-Duty Screwdriver

Helps spot broken wiring, burned out incandescent bulbs and more. Cord has small 'gator clip. Includes replaceable #222 bulb. Requires "AAA" battery (not incl.). **Not for use in live circuits.**
22-4035 ..... **4.99**

Pocket-Size AC/DC High-Voltage Tester

1.09 ***90 to 500 Volts***

For quick checks on house wiring, electrical and electronic devices. Neon bulb glows to indicate live circuit. Handy pocket clip.
272-201 ..... **1.09**

Low-Voltage AC/DC Quick Tester

NEW LOW PRICE!

1.49 **Was $1.69 in 1982 Catalog**

5 to 50 Volts. Ideal for checking automotive wiring, battery-operated devices. Indicates DC polarity. LED glows on live circuit. **22-202** **1.49**

Super-Loud Piezo Buzzers

NEW FOR '83

Low As **1.99**

A **PC Board-Mount Piezo Buzzer. NEW!** Perfect for projects, security, replacement in, or enhancement of clock radios, smoke detectors and more. Requires 3.0-20VDC. 12 mA at 12VDC. 17.5 × 4.5mm dia. **273-065** **2.49**

B **Piezo Buzzer With Leads.** Really gets attention! Piercing 4.8 kHz signal. 1.5 to 20VDC. Ideal for battery-powered circuits—draws just 12mA at 9V. 1⅜ × ⅜". **273-060** **2.99**

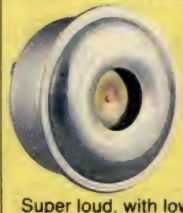
C **Piezo Element.** Small, yet delivers up to 90 dB at 6.5 kHz. Requires external driver circuit. 1⅛" mtg ctrs. With data. **273-064** **1.99**

Miniature 12VDC Buzzer

1.69

Small enough to hide, loud enough to demand attention! 1 1/16" mounting centers. With leads. **273-055** **1.69**

DC Buzzers



Low As **1.19**

Super loud, with low current drain—ideal for battery powered security and warning circuits. Round metal cases. With leads.

VDC	Cat. No.	Each
1.5-3	273-004	1.19
6	273-049	1.89
9	273-052	1.89
12	273-051	1.89

Versatile 12VDC Solenoid

NEW FOR '83 **3.99**

"C-frame"-type with continuous duty capability. Plunger will pull in ⅛" and hold up to ¼ pound. Spring return. Ideally suited for robotics, model railroad use, opening valves, door latches and more. Coil: 31 ohms. 430 milliamps at 12VDC. 1⅛ × 1 1/16 × 1 1/16" body. **273-251** **3.99**

Archer-Paks—Great Buys, Only $1.98 Each!

50 Silicon Switching Diodes

1N914. Ideal for logic. Switching time low as 4 ns. PRV: 90. Long axial leads. Prime. **276-1620** **1.98**

10 Assorted Mini Reed Switches

Hermetically sealed glass. Gold-plated contacts close in magnetic field. 500 mA at 125VAC.
275-1610 ..... **1.98**

Electrolytic Capacitors

Assorted pack of 20 minis and subminis. 0.1 µF to 47 µF; to 50WVDC.
272-802 ..... **1.98**

15 2N2222 NPN Transistors

General-purpose amplifier, high-speed, medium power switch. Diss: 600 mW, I_C 800 mA. Typical h_{FE} 50. **276-1617** . **1.98**

10 Assorted Voltage Regulators

May include adjustable or fixed (5-24V) types LM-309K, 723, 340, 7800s and UA78MG, UA79MG. Styles may vary.
276-1608 ..... **1.98**

25 Assorted Zener Diodes

Ratings from 2.8 to 120V; 250 mW to 5 watts. May include double anode types.
276-1629 ..... **1.98**

12 Potentiometers And Trimmers

Assorted values, styles. Nylon cases. May include wirewounds, multi-turns.
271-1605 ..... **1.98**

20 Assorted LEDs

May include types MV-5054, MV-50, RL-209 in red, green, amber; infrared-emitting and battery indicators.
276-1622 ..... **1.98**

15 All-Purpose Transistors

2N3904. Popular NPN small-signal type for amplifying and switching. Diss: 300mW, V_{CBO} 40V. Typical h_{FE} 50. TO-92 case. **276-1603** **1.98**

15 Amplifying Transistors

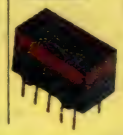
2N3906. PNP small-signal type—one of the most popular. Diss.: 350 mW. V_{CBO} 40V. Typical h_{FE} 50. TO-92 case.
276-1604 ..... **1.98**

Pair of LED Digits

Seven-segment 0.5" red displays. Common cathode. 1.75V at 20 milliamps per segment typical. **276-1647** ..... **Pair 1.98**

2 LED Displays

NEW FOR '83



FND349. High-brightness, 7-segment displays with 0.361" digits. Common cathode. Right decimal. 1.7VDC at 20 mA per seg. typ.
276-1650 ..... **1.98**

Low-Profile DIP Sockets

Low As **49¢**

Quality non-wicking sockets for PC use. Low-resistance contacts.

Type	Cat. No.	Price
8-Pin	276-1995	2/59¢
14-Pin	276-1999	2/89¢
16-Pin	276-1998	2/89¢
18-Pin	276-1992	.49 Each
20-Pin	276-1991	.59 Each
24-Pin	276-1989	.79 Each
28-Pin	276-1997	.89 Each
40-Pin	276-1996	.99 Each

16-Pin DIP Jumper

3.99

Two 16-pin DIP plugs connected by an 18"-long color-coded ribbon cable.
276-1976 ..... **3.99**

IC Static Protector

NEW FOR '83 **89¢**

Conductive Foam

5 × 5" mat for bench or shipping protects ICs—pays for itself with the first chip it saves! **276-2400** ..... **89¢**

48 More Reasons to Make The Shack® Your Parts Place

High-Quality Power Transformers

Twelve popular values for new equipment or replacement use. Miniature types may be PC board mounted. Standard and heavy-duty types have steel frames for chassis mounting. All primaries are for 120VAC, 60 Hz.

Ideal for Projects and Power Supplies

Type	Volts	Current	Size in Inches	Cat. No.	Each
Miniature	6.3	300 mA	2 1/16 × 1 × 1 3/16	273-1384	2.89
Miniature	12.0	300 mA	2 1/16 × 1 × 1 3/16	273-1385	3.29
Miniature	24.0	300 mA	2 3/8 × 1 1/8 × 1 3/8	273-1386	3.59
Miniature*	6.3	450 mA	1 7/16 × 2 3/8 × 1 1/2	273-1364	2.99
Miniature*	12.0 CT	450 mA	1 7/16 × 2 3/8 × 1 1/2	273-1365	3.59
Miniature*	24.0 CT	450 mA	1 11/16 × 2 15/16 × 1 4/16	273-1366	3.99
Standard	6.3	1.2A	1 1/4 × 1 15/16 × 1 9/16	273-050	3.79
Standard	12.6 CT	1.2A	2 × 2 3/8 × 1 1/2	273-1505	3.99
Standard	25.2	1.2A	2 × 1 15/16 × 3 3/16	273-1480	4.39
Heavy Duty	12.6 CT	3.0A	2 3/4 × 2 1/4 × 2	273-1511	5.99
Heavy Duty	25.2 CT	2.0A	2 3/4 × 2 1/4 × 2	273-1512	6.29
Heavy Duty	18.0 CT	2.0A	2 3/4 × 2 1/4 × 2	273-1515	6.99

*NEW! U.L. listed/CSA approved. Shielded, wire leads. CT = Center Tap

Audio Output Transformer

1.29

Miniature size. 1000-ohm center tapped primary. 8-ohm secondary. 3/4 × 5/8 × 5/8". **273-1380** **1.29**

Tips, Clips, Plugs and Posts

A **5" Solderless Test Prods.** 1/2"-long tip fits standard phone tip jacks. One red, one black. **274-720** ..... **Pkg. of 2/1.29**

B **Test Probes With Fingerguards.** For extra safety around high voltage. Solder type. One red, one black. 4 9/16" long. **274-719** .... **Pkg. of 2/1.19**

C **Solderless Banana Plugs.** Insulated, fit standard banana jacks. Knurled collar. 2" long. One red, one black. **274-721** ..... **Pkg. of 2/99¢**

D **Flexible Banana Plugs.** As above, with flexible insulation, strain relief. Solder type. One red, one black. **274-730** ..... **Pkg. of 2/99¢**

E **Solderless Phone Tips.** Fit standard phone tip jacks. Knurled collar. 2 1/8" long. One red, one black **274-723** ..... **Pkg. of 2/99¢**

F **Phone Tips With Fingerguards.** Solder type. 2 3/8" long. One red, one black. **274-726** ..... **Pkg. of 2/99¢**

G **Banana Jacks.** Insulated. Require 1/4" mounting holes. With fiber washers, solder lugs. One red, one black. **274-725** ..... **Pkg. of 2/69¢**

H **Insulated Binding Posts.** Versatile—they accept spade lugs, phone tips, banana plugs or wire. With hardware, solder lugs. Two red, two black. **274-661** ..... **Pkg. of 4/1.69**

J **Nylon Binding Posts.** Insulated. For 3/16" mounting holes. Accept up to 14-gauge wire. With solder lugs. One red, one black. **274-662** ..... **Pkg. of 2/1.39**

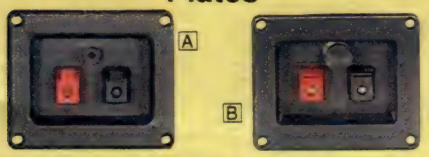
K **Pushbutton Binding Posts.** For 5/16" mounting holes. Accept up to 14-gauge wire. With solder lugs. One red, one black. **274-660** ..... **Pkg. of 2/1.39**

L **Micro Test Clips.** Spring-action. Ideal for testing on high-density PC boards. 1 1/2" long. Solder type. One red, one black. **270-370** ..... **Pkg. of 2/1.49**

M **Mini Test Clips.** As above, but 2 1/8" long. One red, one black. **270-372** ..... **Pkg. of 2/1.49**

N **Extra-Length Test Clips.** As above, but 3 1/2" long. One red, one black. **270-352** ..... **Pkg. of 2/1.69**

Custom Speaker Terminal Plates



A Ideal for hi-fi, musical instrument and PA speakers—recessed design lets you place enclosure close to wall. Spring-action terminals for easy wire hookup, plus centered RCA-type phono jack with a removable plug that maintains "seal" of acoustic suspension systems. **274-625** **1.99**

B Above with 1/4" phone jack in place of phono jack. Includes seal plug. **274-624** **1.99**

Pushbutton Terminals

A **Four-Position.** Spring-action lever release for quick hookup and positive contact. Molded board with mounting holes 2 3/8" apart. **274-622** ... **1.69**

B **Two-Position Version of Above.** Molded board with mounting holes 1 5/8" apart. **274-621** **1.19**

C **Two-Position Push Terminals.** Spring-action insertion/release. 2 1/8 × 3/4" board, mounting holes 1 3/8" apart. **274-315** ..... **99¢**

Insulated Alligator Clips

A **Mini Clips.** 1 1/4" jaws open to 3/16". Solder type with crimp fins. Includes 3 black, 3 red, 2 green, 2 yellow. **270-378** ..... **Pkg. of 10/1.29**

B **1 3/8" Mini Clips.** Open to 1/4". Screw terminals. 6 black, 6 red. **270-1545** ..... **Pkg. of 12/1.89**

C **Heavy-Duty Clips.** Rated 10 amps. 2 5/8" long, open to 1/2". Includes 2 black and 2 red. Screw terminals. **270-349** ..... **Pkg. of 4/1.99**

D **"Battery" Clips.** Rated 10 amps. For chargers, other hookups to automotive battery posts. 2 1/4" long, open to 7/8". One red, one black. Solder or crimp. **270-344** ..... **Pkg. of 2/1.19**

E **2 1/4" Clips.** Open to 5/16". Solderless. 3 red, 3 black, 2 green, 2 yellow. **270-375** ..... **Pkg. of 10/1.59**

F **1-Amp Clips.** 1 11/16" long, open to 3/8". Screw terminals. 3 red, 3 black. **270-371** ..... **Pkg. of 6/1.89**

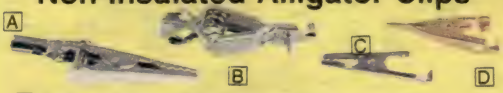
G **2 1/4" Clips.** Open to 7/16". Screw terms. 5 red, 5 black. **270-347** ..... **Pkg. of 10/1.59**

H **Mini Alligator Clips.** 1 3/8" long. 5 red, 5 black. **270-374** ..... **Pkg. of 10/1.19**

J **Micro Clips.** 1 3/8" long, open to 3/16". Brass-plated steel. Solder type. 5 red, 5 black. **270-1540** ..... **Pkg. of 10/1.99**

K **Mini Claw Clips.** 1 3/16" long, open to 1/16". 5 red, 5 black. **270-369** ..... **Pkg. of 10/1.99**

Non-Insulated Alligator Clips



A **2" Slim Clips.** All steel with screw terminals. **270-346** ..... **Pkg. of 10/1.59**

B **Claw Clips.** Rated 5 amps. 1 5/8" long, open to 5/16". Screw terminals. **270-345** ..... **Pkg. of 8/1.49**

C **Mini Clips.** Rated 1 amp, 1 1/4" long, open to 3/16". Solder type. **270-380** ..... **Pkg. of 12/1.19**

D **All-Purpose Micro Clips.** Copper-plated, non-serrated ends. 1 1/8" long, open to 1/4". **270-373** ..... **Pkg. of 10/1.09**

EMI/RFI Filter

NEW FOR '83 **11.95**

Keeps radio frequency interference from being conducted into sensitive equipment from power line or into line from equipment. 5A at 120VAC, 4A at 250VAC. U.L./CSA/VDE approved. **273-100** **11.95**

Tabs: 2.38" Centers

Axial-Lead RF Chokes

Low As **79¢**

Top-quality low-loss forms. Useful for RF bypass, filtering, and peaking applications.

10 µH. 1.5 amps. 1/4" dia. × 7/8". **273-101** ..... **79¢**

100 µH. 2.0 amps. 5/16" dia. × 1 1/4". **273-102** ..... **99¢**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Radio Shack's Big Selection of Reliable Switches

A Heavy-Duty DPDT Center Off. 10A at 125VAC. Screw terminals. With on/off/on label plate. Body: ¾ × 1⅜ × 1⅜". Requires 7/16" mounting hole. **275-1533** **1.79**

B Standard Toggles. 3A at 125VAC. Solder lugs. With on/off label plates. Body: 1½ × 9/16 × 1". Require 7/16" mounting holes.
SPST. 275-602 ..... **99¢**
DPDT. 275-666 ..... **1.29**
Set. One DPDT, Two SPST. **275-322** **2.49**

C Submini Toggles. 3A at 125VAC. Solder lugs. Body: ⅜ × ¼ × ⅜". ¼" mounting holes.
SPST. 275-612 ..... **1.69**
SPDT. 275-613 ..... **1.79**
DPDT. 275-614 ..... **2.19**
DPDT Center Off. 275-620 ..... **2.39**

D SPDT Mini-Toggle. 5A at 125VAC. Solder lugs. Body: ⅝ × ⅜". Requires 7/16" mounting hole. **275-603** **1.49**

E ¾" Brushed Aluminum Baton. 3A at 125 VAC. Flush mount. Solder lugs. 15/16 × ⅝ × 9/16".
SPST. 275-630 ..... **1.69**
DPDT. As above, but rated 10 amps at 125VAC. **275-607** **1.89**

F Heavy-Duty With 1 × ⅜" Lever. 6A at 250VAC. 15/16 × ⅝ × ⅜". 7/16" mounting holes.
SPST. 275-651 ..... **2.49**
SPDT 275-654 ..... **2.69**
DPDT. 275-652 ..... **2.89**
DPDT Center-Off. 275-653 ..... **2.99**

G 20-Amp Lever Switches. 20A at 12VDC. Accept quick-disconnect spades. Body: 2 19/16 × 1 × ½". 7/16" mounting hole.
SPST. 275-708 ..... **1.79**
DPDT. Momentary, with spring return to center off. **275-709** **2.79**

H Standard Automotive SPST. 5A at 12VDC. 7/16" mounting hole. **275-701** **1.19**

J Mini Toggles. 6A at 125VAC. Body: 1⅜ × ½ × ½". ¼" mounting hole. U.L. listed.
SPDT. 275-662 ..... **2.69**
DPDT. 275-663 ..... **2.99**
DPDT Center-Off. 275-664 ..... **3.19**
3PDT. 275-661 ..... **3.49**

K Submini Toggles. 10A at 125 VAC. Each includes four colored handle covers. Solder lugs. ½ × 7/16 × ½". ¼" mounting holes.
SPST. 275-324 ..... **1.99**
SPDT. 275-326 ..... **2.19**
SPDT Center-Off. 275-325 ..... **2.39**
DPDT. 275-1546 ..... **2.69**
DPDT Center-Off. 275-1545 ..... **2.89**

L Paddle Switches. 6A at 125VAC. Solder lugs. 1 3/16 × ¾ × 1⅜". ¾" mounting holes.
SPST. 275-641 ..... **1.89**
DPDT. 275-643 ..... **2.49**

M Rocker Switches. 6A at 125VAC. Solder lugs. 1 3/16 × ¾ × 1⅜". ¾" mounting holes.
SPST. 275-690 ..... **1.89**
DPDT. 275-691 ..... **2.49**

N SPDT Momentary. 6A at 125VAC. Spring return to one position. Solder lugs. Body: 1 15/16 × ½ × 5/16". ¼" mounting hole. **275-619** **1.79**

O Micromini Toggles. 3A at 125VAC. Body: ¼ × 5/16 × 9/16". ⅜" mounting holes. Solder lugs.
SPST. 275-624 ..... **1.59**
SPDT. 275-625 ..... **1.69**
DPDT. 275-626 ..... **1.99**

P Flatted Lever Switches. 6A at 125VAC. Body: ⅜ × 7/16 × 1/4". 1/4" mounting holes.
SPDT. 275-635 ..... **2.59**
DPDT. 275-636 ..... **2.89**
DPDT Momentary. Spring return to center-off. **275-637** **3.19**

Illuminated Switches

A 12-Volt SPST Toggle. Handle lights when on. 3A, 12VDC only. 1⅜ × 1¼ × 5/8". 7/16" mounting hole. **275-706** **1.99**

B 120VAC SPST Toggle. End of 1¼" handle glows when on. 10A. For 100 to 125VAC use only. ⅝ × 1 1/16 × ¾". Requires 7/16" mounting hole. Solder lugs. **275-670** **3.69**

C 120VAC SPST Push-On/Push-Off. Button lights when on. 10A. For 100 to 125VAC use only. 7/16" mounting hole. **275-671** **3.69**

D SPST Toggle With LED Indicator. 5A. 12VDC use only. ¾ × ¾ × ½". 7/16" mounting hole. **275-680** **2.99**

A Miniature SPDT Push-On/Push-Off. 3A at 125VAC. ¾ × ⅜ × ⅜". 9/16" mounting hole. Solder lug terminals. **275-1555** **1.99**

B Mini SPST Momentary Contact. 0.5A at 125VAC. ⅜" button. ¼" mounting holes. Solder lugs. Sets of 5.
Normally Open. 275-1547 ..... **Pkg. of 5/2.49**
Normally Closed. 275-1548 ..... **Pkg. of 5/2.69**

C Standard SPST Push-On/Push-Off. 3A at 250VAC. ½" mounting hole. Solder lugs. **275-011** **1.49**
Momentary. Normally open. One black and one red. **275-609** ..... **Set of 2/1.89**

Pushbutton Switches

For Every Application — **Low As 1.19**

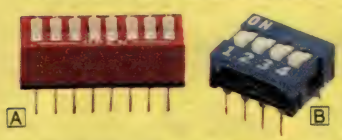
D Square SPST Push-On/Push-Off. 3A at 250VAC. 1½ × ½ × ½". Requires ½" mounting hole. Solder lug terminals. **275-617** **1.59**
Square SPST Momentary. Normally open. Black. **275-618** **1.49**

E Rectangular "Soft-Feel" Push-On/Push-Off. 3A at 125VAC. 1 × ¾ × 9/16". ⅜" mounting hole. Solder lugs.
SPST. 275-1565 ..... **1.29**
SPST Momentary. 275-1566 ..... **1.19**

F Mini SPDT Momentary. 6A at 125VAC. Normally open. 1 7/16 × 7/16 × 7/16". ¼" mounting hole. Solder lugs. **275-1549** **2.29**

G Submini SPST Momentary. 0.5A at 125VAC. Normally open. 1½ × ¼". ⅜" mounting hole. One red, one black. **275-1571** ..... **Pkg. of 2/1.79**

SPST DIP Switches



For digital or low current applications. Mount in DIP sockets or on PC boards.

A 8-Position. Fits 16-pin DIP socket. **275-1301** **1.99**

B 4-Position. Fits 8-pin DIP socket. **275-1304** **1.49**

Slide Switches

Heavy-Duty. 3A at 125VAC. 1 × 1⅜ × ⅝". Solder lug terminals. Packages of two.
SPST. 275-401 ..... **Pkg. of 2/89¢**
DPDT. 275-403 ..... **Pkg. of 2/99¢**

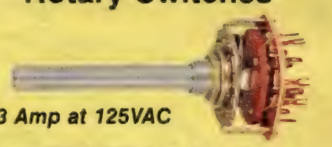
Slide Switch Kit. 0.5A at 125VAC. One each: SPDT, DPST, DPDT. Three SPST. ½ × ⅞ × 1¼". **275-327** ..... **Set of 6/1.79**

Lever Switches

Submini With Roller Lever. Operating force: 50 grams. 5A at 250VAC. ¾ × ¼ × 3/8". ¾" lever. **275-017** **1.49**

Submini With ¾" Lever. Operating force: 45 grams. 5A at 250VAC. ¾ × ¼ × ⅜". Solder lugs. **275-016** **1.39**

Rotary Switches



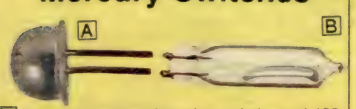
0.3 Amp at 125VAC

4-Pole, 2-Position. Single deck, shorting type. 2" shaft. ¼" diameter. **275-1384** **1.19**

2-Pole, 6-Position. Single deck, non-shorting type. ¼" diameter shaft. **275-1386** **1.19**

1-Pole, 12-Position. Shorting type. ¼" diameter shaft. 1⅜" long. **275-1385** **1.19**

Mercury Switches



A Submini position-detecting switch rated 100 milliamps at 24VDC. Ideal for use in alarms and low-power circuits. **275-025** ..... **89¢**

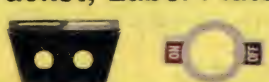
B Rated 5 amps at 125VAC. Style may vary. **275-027** **1.19**

Submini Slide Switches

With Mounting Screws

Rated 0.3A at 125VAC. ⅜ × ¼ × ¼".
SPST. 275-406 ..... **Pkg. of 2/69¢**
DPDT. 275-407 ..... **Pkg. of 2/79¢**

Bracket, Label Plates



Auto Switch Bracket. For underdash mounting. Accepts two switches with 7/16" diameter bushings. **275-705** ..... **69¢**

On/Off Switch Label Plates. For toggles with 5/32" diameter bushings. Key tab in ID. **275-320** ..... **Pkg. of 6/69¢**

DPDT Knife Switch

Ideal for Projects, Antenna Switching And Reversing Polarity

Plated spring contacts rated 0.5A at 250VAC. Plastic handle. Screw terminal connectors. 1⅝ × 2⅜ × ¾".
275-1537 ..... **99¢**

Bulbs, Panel Lamps, Mike Elements, Battery Holders

Long-Life Incandescent Lamps

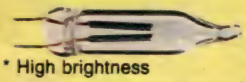
Low As **69¢**

Wide selection for most replacement and project needs.

Volts	mA	Type	Base	Cat. No.	Pkg. of	Price
1.5	25	—	Leads	272-1139	1	.79
2.25	250	222*	Threaded	272-1124	2	.69
2.33	270	PR-4	Flange	272-1122	2	.69
2.38	500	PR-2	Flange	272-1120	2	.69
2.47	300	14	Threaded	272-1132	2	.79
3.57	500	PR-3	Flange	272-1121	2	.69
4.75	500	PR-13	Flange	272-1151	2	.79
4.8	500	PR-15	Flange	272-1125	2	.69
5.95	500	PR-12	Flange	272-1123	2	.69
6.0	25	—	Leads	272-1140	1	.79
6.0	100	T-1¾	Threaded	272-1142	2	.89
6.3	250	44	Bayonet	272-1108	2	.69
6.3	150	47	Bayonet	272-1110	2	.69
6.3	150	1847	Bayonet	272-1115	2	.79
6.3	150	40	Threaded	272-1128	2	.79
6.3	250	46	Threaded	272-1130	2	.79
7.5	220	51	Bayonet	272-1113	2	.69
7.5	220	50	Threaded	272-1133	2	.89
8.0	300	T-3	End Cap	272-1136	2	1.19
12.0	15CP	93+	Bayonet	272-1116	1	.99
12.0	75	T-1¾	Threaded	272-1143	2	.89
12.0	25	—	Leads	272-1141	1	.79
12.0	250	T-3	End Cap	272-1137	2	1.19
14.0	270	194	Wedge	272-1126	2	.99
14.0	230	1891	Bayonet	272-1112	2	.69
14.0	200	1815	Bayonet	272-1118	2	.69
14.0	200	1487	Threaded	272-1134	2	.79
14.0	200	52	Threaded	272-1127	2	.99
14.4	120	53	Bayonet	272-1117	2	.69
28.0	40	1819	Bayonet	272-1119	2	.69

* Pre-Focus Penlight Type. + High-Intensity

Neon Lamps



* High brightness

Operate from 70 volts and up. Use dropping resistor value from chart for 120VAC use.

Type	Watts	Series Resistor	Cat. No.	Pkg. of 2
NE-2	1/25	220k	272-1101	.59
NE-2H*	1/4	22k	272-1102	.69
NE-2	1/25	(included)	272-1100	.79

Panel Lamps and Assemblies

Low As **169**

A Sealed Panel Lamps. One red, one green. With connecting leads, mounting clips. 7/8" long, mount in 3/8" holes. 12VDC, 50 mA.
272-322 ..... **Pkg. of 2/1.59**

B Conical Lamp Assemblies. One red, one blue. T-1¾ submini bulbs required. 1 3/8" long, mount in 1/2" holes. **272-323** .. **Pkg. of 2/1.69**

C "Mini" Panel Lamp Assemblies. One lamp holder with one red and one green lens. Miniature-base lamps required. Length, 1 3/16". 3/8" mounting holes.
For Screw-Base Lamps. 272-324 ..... **1.79**
For Bayonet-Base Lamps. 272-325 .... **1.79**
Like 272-324, Two Assemblies. 3/8 x 1 1/16". **272-326** ..... **Pkg. of 2/1.99**

D Neon Panel Lamp Assemblies. One green, one amber. Built-in dropping resistors, fully enclosed. Requires 9/32" mounting hole. With 3" leads. For 120VAC.
272-707 ..... **Pkg. of 2/2.19**

E Neon Panel Lamp Assemblies. One red, one yellow. With internal resistors, fully enclosed. 3/8 x 1 1/8". Requires 5/16" mounting hole. For 120VAC. **272-703** ..... **Pkg. of 2/2.19**

F Neon Panel Lamp Assemblies. One red, one green. Built-in dropping resistors. With leads. For 5/16" mounting holes. For 120VAC.
272-708 ..... **Pkg. of 2/2.19**

G Push-In Neon Panel Lamp Assemblies. One red, one green. Built-in dropping resistors for 120VAC use. Require 7/16" mounting holes. Solder lugs. **272-709** ..... **Pkg. of 2/1.99**

H Neon Panel Lamp Assemblies. Set of two: one red, one yellow. Built-in resistors, fully enclosed. Require 7/16" mounting holes. For 120VAC.
Square Lens. 272-704 ..... **Pkg. of 2/1.79**
Round Lens. 272-705 ..... **Pkg. of 2/1.79**

J Red Neon Lamp. Requires 5/16" mounting hole. 1 3/8 x 9/32". Leads and mounting clip included. For 120VAC. **272-1501** **1.19**

K High-Brightness Neon Panel Lamp. Bright red rectangular lamp includes dropping resistor for 120VAC. Requires 9/16" diameter mounting hole. **272-706** **2.19**

L High-Brightness 12V Lamp Assemblies. One red, one green. Solder terminals. Requires 9/32" mounting hole (metal panel suggested). Includes bulbs.
272-331 ..... **Pkg. of 2/1.69**

M "Micro" 12V Lamp Assemblies. One red, one green. With leads. 12V at 60 mA. Require 7/32" mounting holes, metal panel recommended. **272-334** ..... **Pkg. of 2/1.69**

N 12V Snap-In Lamp Assemblies. One red, one green. Mounting tabs for 1/2" diameter hole. Long 4" leads. Bulbs included.
272-332 ..... **Pkg. of 2/1.89**

As Above, But With One Amber, One Blue Lens. 272-335 ..... **Pkg. of 2/1.89**

Microphone Elements

For Projects, Replacement

Low As **119**

A PC Board-Mount Electret. Omnidirectional. Operates from 2-10VDC with very low current drain, 1 milliamp max. 20 to 15 kHz ±4 dB. 9.4 mm dia. 6.6 mm high.
270-090 ..... **1.19**

B Omnidirectional Electret. Crisp 30 to 15,000 Hz response. 4-10VDC. 7/16 x 3/8" dia. With leads.
270-092 ..... **2.99**

C Crystal Element. High impedance. Excellent for replacement.
270-088 ..... **1.69**

Plastic Battery Holders

Low As **39¢**

Series wiring. Output leads, except †, which have snap connector.

Fig	Cat. No.	Holds	Each	Fig	Cat. No.	Holds	Each
—	270-382†	2 "AA"	.79	—	270-385	2 "C"	.99
A	270-383†	4 "AA"	.89	—	270-390	4 "C"	1.19
B	270-388†	4 "AA"	.89	—	270-386	2 "D"	1.19
C	270-391†	4 "AA"	.89	D	270-396	4 "D"	1.29
—	270-384†	6 "AA"	.99	E	270-389	4 "D"	1.29
—	270-387†	8 "AA"	1.19	—	270-401	1 "AA"	.39
—	270-395†	10 "AA"	1.29	—	270-402	1 "C"	.49
—	—	—	—	—	270-403	1 "D"	.59

Batteries not included

Universal Replacement Antenna Rod

2.99

Will replace almost any broken or damaged telescoping antenna rod, including swivel types. Five sections, extends from 7¾" to 30½". Mounting flange. Red plastic tip for safety. **270-1401** **2.99**

9V Battery Snaps

99¢ Pkg. of 5

For projects, replacement or use with holders above.
270-325 ..... **5/99¢**

9V Battery Holders

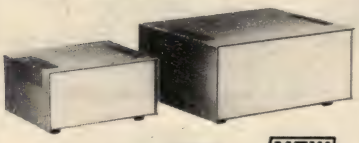
"Tame" loose rectangular batteries! Mounts with screw or glue.
270-326 ..... **2/59¢**

59¢

The Shack®: One-Stop Shopping for Builders & Fixers

26 Enclosures—One is Ideal for Your Project!

"Silver-Look"

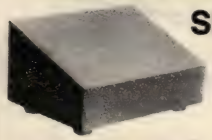


Low As **6.95** NEW FOR '83

Vented steel tops, easy-to-work aluminum chassis, rubber feet and classy "silver" finish.

Size	Cat. No.	Each
3¼ × 7½ × 5⅞"	270-229	9.95
2½ × 5 1/16 × 4 5/16"	270-228	6.95

Slope-Front



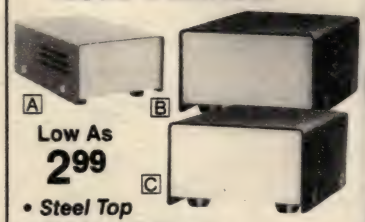
Low As **4.95**

- ***Rubber Feet***
- ***"Hammertone" Finish***

Ideal for test equipment, audio mixers, control panels and more. Steel construction.

Height		Width	Depth	Cat. No.	Each
Front	Rear				
1⅜	2⅞	5⅞	4⅛	270-264	4.95
1⅜	2¾	7⅞	5⅞	270-265	8.49
1¼	3½	10 15/16	8	270-266	9.95

Metal Cabinets

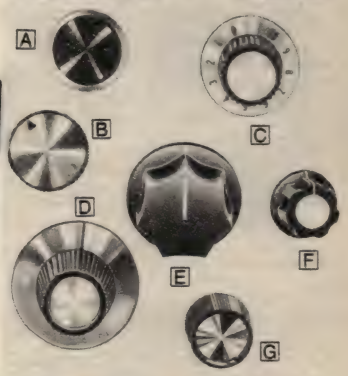


Low As **2.99**

- ***Steel Top***
- ***Aluminum Chassis***

Fig.	Size	Cat. No.	Each
A	3¼ × 2⅛ × 4"	270-251	2.99
B	4 × 2⅜ × 6"	270-252	3.79
C	5¼ × 3 × 5⅞"	270-253	4.79

Knobs for ¼" Shafts



A Top Hat. Finely tooled, modern 2-tone styling. Brass set-screw.
274-423 . . . . . **Pkg. of 2/1.69**

B Contemporary. Metal over plastic.
274-424 . . . . . **Pkg. of 2/1.89**

C Knurled Grip. Chrome plate, aluminum inlay. With set-screw. 1½ × ⅞".
0-10 Calibrated. 274-392 . . . **Pkg. of 3/1.99**
Single-Line. 274-391 . . . . . **Pkg. of 3/1.99**

D Knurled Grip. 1⅛ × 11/16". Brass bushings.
Single-Line. 274-414 **Pkg. of 2/1.39**
0-10 Calibrated. 274-413 **Pkg. of 2/1.39**

E Hexagon. 1⅜ × ⅝".
274-407 . . . . . **Pkg. of 2/1.29**

F Molded. Brass inserts. ¾ × 7/16".
274-415 . . . . . **Pkg. of 4/1.59**
1 × 9/16". 274-416 . . . . . **Pkg. of 4/1.79**

G ¾" Knurled. 1½" deep.
274-380 . . . . . **Pkg. of 6/1.99**

Heavy-Duty

A Low As **8.95** B

A Vented steel top with black finish, easy-to-work aluminum front and bottom. Handles for easy carrying, rubber feet. 5¼ × 9½ × 6¾". **270-270** **10.95**

B Vented 20-gauge steel top, 16-gauge aluminum chassis, rubber feet. 3½ × 7⅛ × 5 11/16". **270-269** **8.95**

Deluxe Plastic Enclosure

7.95

Dress up and protect that special project! This deluxe enclosure has distinctive two-tone coloring, end panels of ABS plastic for easy drilling, internal slots and standoffs for PC boards, self-stick feet. 2¼ × 5 × 5¼". **270-218** . . **7.95**

Portable Case

3.95

Ideal for Tone Controllers, Radio Control Transmitters, Test Equipment and More

Easily hand-held—ideal for many portable devices and small projects. Easy-to-work styrene. 1⅛ × 3⅝ × 5¾". Rear side has compartment and slide-out cover for 9V battery.
270-219 . . . . . **3.95**

Experimenter Boxes

Low As **1.59**

Plastic bodies with aluminum covers.

Size	Cat. No.	Each
3¼ × 2⅛ × 1⅛"	270-230	1.59
4 × 2⅛ × 1⅝"	270-231	1.69
5 1/16 × 2⅝ × 1⅝"	270-233	1.99
6¼ × 3¾ × 2"	270-627	2.39
7¾ × 4⅜ × 2⅜"	270-232	2.99

Chassis Boxes

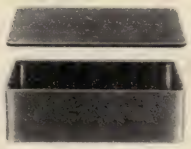
Low As **1.69**

Hardware Included

Size	Cat. No.	Each
2¾ × 2⅛ × 1⅝"	270-235	1.69
4 × 2⅛ × 1⅝"	270-239	1.89
4 × 2¼ × 2¼"	270-236	2.29
5¼ × 3 × 2⅛"	270-238	2.49

Project Cases

Low As **1.69**



Blue plastic. Internal slots to hold PC boards.

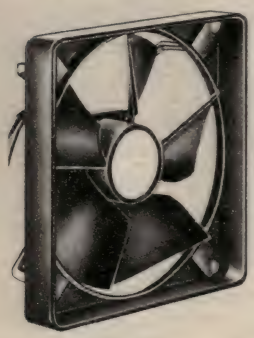
Size	Cat. No.	Each
4 × 2 × 1 3/16"	270-220	1.69
4 × 2 7/16 × 1 1/16"	270-221	1.89
4¾ × 2½ × 1⅜"	270-222	2.19
6 × 3 5/16 × 1⅞"	270-223	2.69
7½ × 4⅓ × 2⅛"	270-224	2.99

Panel Lettering

NEW FOR '83 **2.59**

Four sheets with rub-on letters, symbols, numbers and calibration marks for controls. Transfer easily to plastic and metal surfaces. **270-201** . . **2.59**

Quiet 120VAC Cooling Fan



15.95

- ***Compact & Efficient***
- ***Ideal for Computers, Power Supplies, Ham Equipment, Hi-Fi Amplifiers—Even Air Circulation In Solar Heat Systems***

Equipment that runs cooler lasts longer! Delivers up to 65 CFM. Features diecast venturi, high efficiency blades, leads for easy hookup. For 120VAC. 11 watts. U.L listed. 4 11/16 × 4 11/16 × 2½". **273-241** **15.95**

Precision Panel Meters

Monitor Your Critical DC Circuits

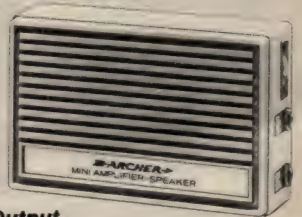
8.95 Each

- ***0 to 15 Volts***
- ***0 to 1 Milliamp***
- ***0 to 50 Microamps***

All feature jeweled D'Arsonval movements. Accuracy, ±5% full scale. 2¾ × 2¼ × 1¼". Require 1⅞" round mounting holes.
0 to 50 µA DC. 270-1751 . . . . . **8.95**
0 to 1 mA DC. 270-1752 . . . . . **8.95**
0 to 15 VDC. 270-1754 . . . . . **8.95**

Versatile Mini-Amplifier With Built-In Speaker

11.95



- ***High-Gain IC Design***
- ***200-Milliwatt Output***

Compact, multipurpose amplifier features volume control, on/off switch. Two ⅛" phone jacks—one for input, one for external speaker/earphone (not incl.). 100-10,000 Hz response. 1 mV input sensitivity. 2½ × 3⅞ × 1¾". Requires 9V battery. **277-1008** . . . **11.95**

SEE PAGE 93 FOR INFORMATION ON QUANTITY DISCOUNTS

Archer® Transistors Replace Most Types at Low Cost

"Must-Have" Books for Project Builders And Technicians

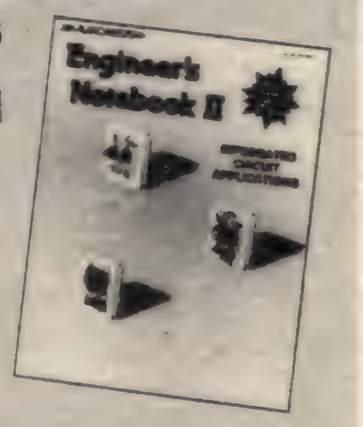
A

NEW FOR '83

Low As **2.49**

Sold Only at Radio Shack!

B



A **Semiconductor Reference Guide.** Exclusive cross reference/substitution section lists over 80,000 types and their low-cost Radio Shack equivalents! Also provides detailed data on Radio Shack ICs, SCRs, LEDs, diodes and opto devices, helpful replacement tips. Illustrated. Over 250 information-packed pages. **276-4006** **3.49**

B **Engineer's Notebook** II. By Forrest Mims III. The original edition was the most popular IC "builder's guide" of all time—over 300,000 copies in print! One third of the book is revised to give you even more practical circuits and data on Radio Shack's linear and digital ICs. Large, easy-to-follow schematic diagrams. Valuable tips for beginners, too. 128 pages. **276-5002** . . . **2.49**

Making Your Own PC Boards is Easy & Fun!

A

B

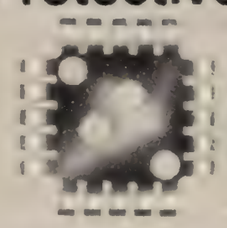
2.59

A **PC Board Kit.** Two 4½ × 3" boards, resist-ink pen and solvent, etchant, layout strips and circles, tank, 1/16" drill bit, instructions. **276-1576** **8.95**
Extra Pen. 276-1530 . . . . . **1.39**
Extra Etching Solution. 16 oz. in plastic bottle. **276-1535** **2.49**

B **Direct-Etch Dry Transfers.** So easy! Four transparent sheets have rub-on circles, strips, IC and transistor pads and more. Just press on to a copper clad PC board and you're ready to etch—with "pro-quality" results! **276-1577** . . . . . **Set of 4/2.59**

Protective Heat Sinks

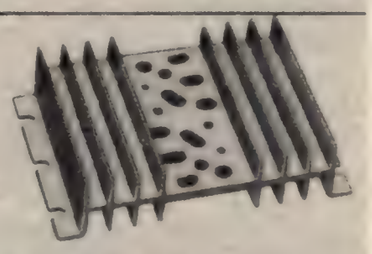
A



B

Low As **79¢**

C



A **TO-220 Heat Sink.** Anodized aluminum. Ideal for PC board-mounted power devices in TO-220 cases. **276-1363** . . . . . **79¢**

B **TO-3 Heat Sink.** For power semiconductors in TO-3 cases. **276-1364** **1.39**

C **Universal.** Mounts two devices, accepts nine different case styles. **276-1361** **2.99**

Heat Sink Grease

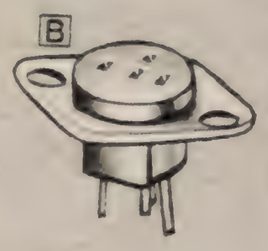
1.29

Silicone compound insures proper heat transfer to sink or chassis. **276-1372** **1.29**

Transistor Sockets and Mounting Hardware

A

B



C

Device not incl.

Low As **49¢**

A **TO-3 Sockets.** For transistors, regulators and other devices in TO-3 cases. **276-029** . . . . . **Pkg. of 2/69¢**

B **Transistor Sockets.** Accept devices with inline or triangle contact pattern, small crystals, too! **276-548** . . . . **Pkg. of 6/1.69**

C **Mounting Hardware Sets.** For power transistors and other semiconductors. Include screws, insulating washers, solder lug and bushings. **For TO-3 Cases. 276-1371** . . . . . **Set 49¢**
For TO-220 Cases. 276-1373 . . . . . **Set 49¢**

D

D **Construction Heat Sinks.** For soldering transistors and other heat-sensitive devices without damage. Straight and bent-jaw types. With handy magnetic base. **276-001** . . . **Set of 5/2.29**

Radio Shack Has Replacements for Over 60,000 Types Of Transistors!

- *Top Quality at Low Prices*
- *Data and Pin-Out Included*

See Semiconductor Reference Guide (Left) for Complete Cross-Reference

Direct Commercial Equivalent	Replaces* GE Type GE-†	Sylvania Type ECG-†	RCA Type SK-†	Pol.	Use	Diss.	Case	Cat. No.	Each
2N1305	53	158	3004	PNP-G	SW	150mW	TO-5	276-2007	1.19
MPS222A	20	123A	3122	NPN	GP	500mW	TO-92	276-2009	.79
PN2484	81	123A	3024	PNP	LL	360mW	TO-92	276-2010	.89
MPS918	11	107	3018	NPN	RF/IF	200mW	TO-92	276-2011	.89
MPS3704	20	123A	3122	NPN	GP	360mW	TO-92	276-2014	.89
MPS3904	20	123A	3122	NPN	W	350mW	TO-92	276-2016	.69
TIP31	66	152	3054	NPN	P	40W	TO-220	276-2017	.99
TIP29	23	175	3026	NPN	P	40W	TO-220	276-2018	.99
TIP3055	241	130	3027	NPN	P	90W	TO-220	276-2020	1.59
MPS2907	82	159	3025	PNP	SW	400mW	TO-92	276-2023	.79
MPS3702	84	159	3025	PNP	GP	360mW	TO-92	276-2024	.89
TIP32	69	159	3083	PNP	P	40W	TO-220	276-2025	.99
MJE34	34	197	3084	PNP	P	90W	TO-220	244-2027	1.49
2N305	241	128	3024	NPN	P	1W	TO-92 +	276-2030	.89
MPS3638	82	159	3025	PNP	RF/IF	350mW	TO-92	276-2032	.79
MPS3906	82	159	3025	PNP	SW	350mW	TO-92	276-2034	.79
2N3866	277	311	3195	NPN	RFP	5W	TO-39	276-2038	1.99
TIP120	—	261	3180	NPN-D	HG	65W	TO-220	276-2068	1.29
TIP125	—	262	—	PNP-D	HG	65W	TO-220	276-2069	1.29
2N3055	14	181	3027	NPN	P	115W	TO-3	276-2041	1.99
MJ2955	74	219	3335	PNP	P	150W	TO-3	276-2043	2.19
2N4124	20	123AP	3444	NPN	GP	350mW	TO-92	276-2057	.59
2N4401	20	123AP	3444	NPN	SW	350mW	TO-92	276-2058	.59
MPSA06	63	297	3024	NPN	GP	625mW	TO-92	276-2059	.59
MPSA13	64	172A	3156	NPN-D	HG	625mW	TO-92	276-2060	.59
MPSA42	222	154	3044	NPN	HV	625mW	TO-92	276-2061	.69
MU4891	—	—	—	Unijunction		360mW	X55	276-2029	.99

Japanese Replacement Transistors

Type	Polarity	Use	Diss.	Case	Cat. No	Each
2SD313	NPN	AP	30W	TO-220	276-2048	1.79
2SC945	NPN	GP	250mW	TO-92	276-2051	.79
2SC1096	NPN	AP	10W	TO-220	276-2052	1.19
2SC1909	NPN	RFP	10W	TO-220	276-2054	1.99
2SC1308	NPN	TV-H	—	TO-3	276-2055	7.95

N-Channel Field-Effect Transistors (FETs)

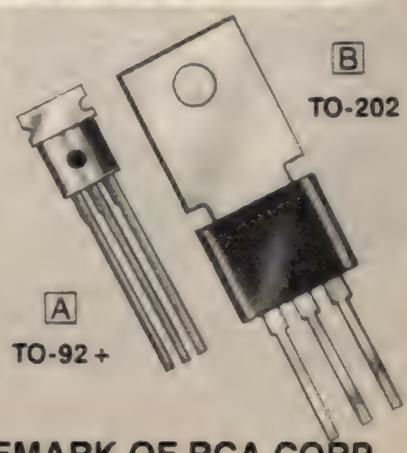
Direct Commercial Equivalent	Use	Diss.	gfs min/max umhos	Case	Cat. No.	Each
2N3821	VHF Mixer	330mW	1.5/4.5	TO-92	276-2028	1.19
2N3819	GP	360mW	2.0/8.5	TO-92	276-2035	.99
2N3823	200 Mhz RF	300mW	3.5/6.5	TO-72	276-2036	1.29
MPF102	VHF Amp, Mixer	310mW	—	TO-92	276-2062	.79

* In Most Circuits. See product package for exact device specs.
AP = Audio Power Amp
D = Darlington
G = Germanium
GP = Gen. Purpose
HG = High Gain
HV = High Voltage
LL = Low Level
P = Audio Power Amp, Switch
RFP = RF Power
SW = Switch
TV-H TV Horizontal Output
NOTE: Parameters are at 25° C.

Versatile VMOS Power FETs

You'll Be Impressed With the Performance of These Devices!

Low As **1.59**



A **VN10KM.** Great for driving relays, solenoids and IR LEDs, use in power converters, current regulators, switching power supplies, logic interfacing. Max. "on" resistance only 5 ohms! High-Z input. 1W diss. **276-2070** **1.59**

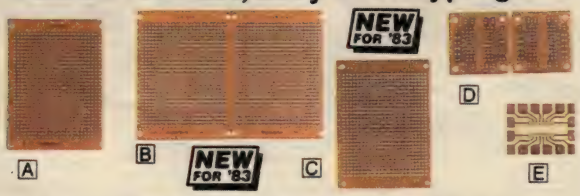
B **VN67AF.** Many switching and amplifying uses—even RF linear amps to 150 MHz! Max. "on" resistance 5 ohms. 15W diss. **276-2071** **2.49**

†GE IS A TRADEMARK OF GENERAL ELECTRIC CO. ECG IS A TRADEMARK OF PHILIPS ECG, INC. SK IS A TRADEMARK OF RCA CORP.

PC Boards, Computer Connectors and Wrapping Needs

PC Boards for Fast, Easy Prototyping

Low As **1.09**



A Grid Board. 750 contact points, indexed with letters and numbers on both sides for easy identification of component pinouts—really speeds wiring. .100 × .100 centers for DIP ICs, sockets and headers. 2¾ × 3¾". **276-158** . . **1.95**

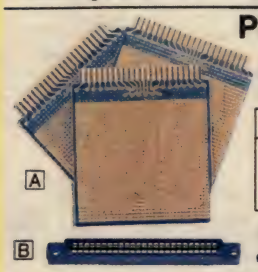
B Dual Grid Board. Dual version of above. **276-161** **2.95**

C IC/LSI Board. Ideal for projects using LSI ICs up to 40 pins. 750 contact points, indexed on both sides. DIP centers. 2 13/16 × 3¾". **276-162** **1.95**

D Dual IC Board. Accepts two 6 to 20-pin DIP ICs. Provides four contact points for each IC pin. 1¾ × 3⅜". **276-159** **1.49**

E Single IC Board. Mounts one 6 to 16-pin IC or socket. Extends leads for easy soldering and breadboarding. 2⅛ × 1½". **276-024** **1.09**

Plug-In Boards and Connectors

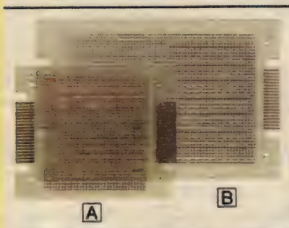


A Plug-In Boards. Poly-glass. 4½ × 4" with 1/16" grids. Fit 44-pin socket.

Application	Cat. No.	Each
Multi-Purpose	276-152	3.69
2-Voltage Source (Digital)	276-153	3.69
3-Voltage Source (Op-Amp)	276-154	3.69

B 44-Pin Card Edge Socket. Solder eyelets. **276-1551** **2.99**

Versatile PC Boards For Computer Projects



Radio Shack Exclusive!

NEW FOR '83

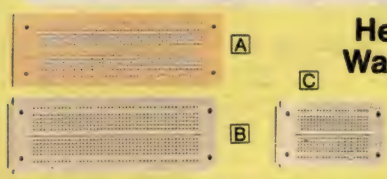
Highest-Quality Dual-Sided Glass Boards

For clean—not kluged—projects! Ideal for peripheral circuits and transforming one computer format to another with plug-in simplicity. These indexed boards and matching connectors are a "system" that can reduce building time and wiring errors. Accept card edge connectors (276-1544, 1545, 1558, 1566) or sockets and headers (Fig. C and D).

Fig.	Connector	Contact Points	Size	Cat. No.	Each
A	40 position	1520	4¼ × 5¼	276-163	4.95
A	50 position	2898	5¼ × 8¼	276-164	4.95
B	40 position	1520	4¼ × 5¼	276-165	9.95
B	50 position	2898	5¼ × 8¼	276-166	9.95

C 40-Position Socket With 12" Cable. 276-1542 . . . . . **4.99**
50-Position Socket With 12" Cable. 276-1543 . . . . . **5.49**
D 40-Position Header. 276-1540 . . . . . **1.29** **50-Pos. 276-1541** **1.49**

Here's a Fast and Easy Way to Design and Build



Design and Debug Your Circuit On a Socket, Then Transfer It To the Matching PC Board!

A Experimenter's PC Board. Layout matches that of sockets for quick and easy transfer of your finalized circuit. 550 pre-drilled connection points. 2 1/16 × 5 7/16 × 1/16". **276-170** **3.29**

B Modular IC Breadboard Socket. These "breadboards" snap together horizontally or vertically. Silver-nickel contacts accept 30 to 22-gauge solid wire. Two bus strips, 550 indexed connection points. 2⅛ × 6". **276-174** **11.95**

C Modular IC Breadboard Socket. Smaller version of above has two bus strips, 270 indexed connection points. 2⅛ × 3⅜". **276-175** **6.95**

A Push-In Terminals—Ideal for Breadboarding

Fit Holes	Fit Boards	Cat. No.	Pkg. of 100
1/16" Dia.	B, C	270-1394	2.29
3/64" Dia.	D	270-1392	2.29

Pre-Drilled Phenolic Boards

Fig.	Grid Hole Centers	Hole Size	Board Size	Cat. No.	Each
B	.187 × .187	1/16"	4½ × 5⅛	276-1390	1.39
C	.100 × .100	1/16"	4½ × 5⅛	276-1392	1.39

D IC-Spacing Perfboards

Size	Cat. No.	Each
4½ × 6"	276-1394	1.89
2¾ × 6"	276-1395	1.49
6 × 8"	276-1396	2.59

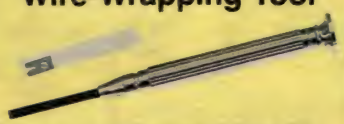
E Solid Copper-Clad Boards.

Size	Cat. No.	Each
3 × 6"	276-1586	1.39
6 × 6"	276-1587	2.19

F PC Board Assortment. 85 square inches! May include phenolic, glass, double and single-sided boards. **276-1591** **1.98**

PC Boards and Push-In Terminals

Wire-Wrapping Tool



5.95

- ***Hardened Steel Bit***
- ***Handy Wire Stripper***

Balanced 4½" all-metal tool for making wire-wrap connections—much faster than soldering! Strips, wraps and unwraps 30-gauge wire. Stripper stores in handle. **276-1570** **5.95**

30-Gauge Kynar® Wire

2.39

50-Ft. Spools

Use with any wrapping tool to make reliable connections.

Color	Cat. No.	50-ft. Spool
Red	278-501	2.39
White	278-502	2.39
Blue	278-503	2.39
Yellow	278-504	2.39

PC Board Holder

6.95

Frees hands for easier soldering and repair. Mounts on bench or in a vice. Holds board securely, yet is fully adjustable. **276-1568** **6.95**

Wrap DIP Sockets

Low As **1.19** Pkg. of 2

Square .025" posts accept 3 levels of wrap.

Pins	Cat. No.	Pkg. of 2
8	276-1988	1.19
14	276-1993	1.29
16	276-1994	1.39

Computer/Peripheral Connectors

A Card Edge Connectors. Highest quality, reusable. For ribbon cable.

Positions	Cat. No.	Each
34	276-1564	4.95
40	276-1558	4.95
50	276-1566	4.95

B Card Edge Connectors. Solder eyelets. Convenient mounting tabs.

Positions	Cat. No.	Each
40	276-1544	2.59
50	276-1545	2.99

C D-Submini 25 Male. For RS-232C bus. Reusable. **276-1559** **4.99**

D D-Submini 25 Female. Ideal for cable extensions. **276-1565** **4.99**

Solder D-Submini 25 Connectors. Optional hood for use when less than 25 conductors are required

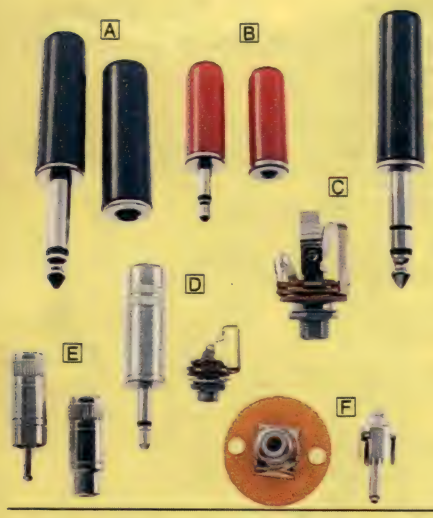
E Male. 276-1547 . . . . . **2.99**

F Female. 276-1548 . . . . . **3.99**

G Hood. 276-1549 . . . . . **2.19**

QUANTITY DISCOUNTS ARE AVAILABLE—SEE PAGE 93 FOR DETAILS

Jacks and Plugs for Your Video and Audio Needs



Plug and Jack Sets

A **¼" Standard.** Phone plugs, inline jacks. One set red, one set black. Screw terminals.
274-1241 ..... **Pkg. of 2 Sets/2.59**

B **⅛" Miniature.** One black and one red set of two phone plugs, two inline jacks.
274-283 ..... **Pkg. of 2 Sets/1.99**

C **3-Conductor Plug, Jack.** ¼" open-circuit jack, matching phone plug. Solder lug terminals. Includes mounting hardware. **274-323** **Set/1.79**

D **⅛" Miniature.** Set of two shielded phone plugs, closed circuit jacks. All-metal plug prevents hum pickup.
274-336 ..... **Pkg. of 2 Sets/1.79**

E **Shielded Phono Plugs, Jacks.** Two sets of phono plugs and jacks for audio/video connections.
274-334 ..... **Pkg. of 2 Sets/1.69**

F **Phono Plug and Jack Sets.** For use with phonos, amplifiers, tuners, hi-fi equipment. **274-1575** .... **Pkg. of 8/1.99**

Quality Phono Jacks

A **Shielded Phono Jack.** Fits ¼" mounting hole. Solder lug terminals. **274-346** ..... **Pkg. of 4/1.79**

B **Plastic Inline Phono Jack.** Hex-shape. Strain relief, screw-together plastic housing. **274-337** ..... **Pkg. of 4/1.19**

C **Shielded Inline Phono Jack.** Solder lugs. Metal construction prevents hum. **274-338** ..... **Pkg. of 2/1.19**

D **Dual Phono Jack.** Chassis mount for stereo changers, amplifiers, receivers, more. Accepts two phono plugs. Phenolic construction.
274-332 ..... **Pkg. of 2/99¢**

E **Quad Phono Jack.** Chassis mount design accepts up to four RCA-type phono plugs. Phenolic construction. **274-322** ..... **99¢**

F **Octal Phono Jack.** Chassis mount, accepts up to eight RCA-type phono plugs. Phenolic. **274-370** **1.29**

Phone And Phono Plugs

A **2-Conductor ¼" Phone Plugs.** Long slim type with ½" diameter black bakelite barrel.
274-1536 ..... **Pkg. of 2/1.69**

B **2-Conductor ¼" Phone Plugs.** Shielded to minimize hum. Slim type with ½" diameter metal barrel.
274-1544 ..... **Pkg. of 2/2.49**

C **2-Conductor ¼" Phone Plugs.** Ribbed plastic ¾" diameter barrel for "sure" grip.
274-1539 ..... **Pkg. of 2/1.79**

D **2-Conductor ¼" Phone Plugs.** All-metal shielded flat right-angle type. For "tight" spaces.
274-254 ..... **Pkg. of 2/1.89**

E **2-Conductor ¼" Phone Plug.** Heavy-duty shielded. For "pro" audio applications. Spring strain relief. **274-1545** **1.49**

F **Right-Angle ¼" Plug.** 2-conductor. Black shell. Screw type terminals. **274-256** ..... **99¢**

G **3-Conductor ¼" Phone Plugs.** Slim-line. Black bakelite barrel. For push-to-talk mikes, stereo phones.
274-139 ..... **Pkg. of 2/1.79**

H **3-Conductor Phone Plug.** Shielded all-metal type. 1⅝" length barrel. Nickel plated. Solder lug terminals.
274-285 ..... **1.59**

J **2-Conductor ⅛" Miniature Phone Plugs.** Solder lug terminals. 1⅝" long.
Black. 274-286 ..... **Pkg. of 2/1.29**
Red. 274-287 ..... **Pkg. of 2/1.29**
Shielded. 274-288 ..... **Pkg. of 2/1.39**

K **3-Conductor ⅛" Mini Phone Plugs.** Solder lug connections. **274-284** ..... **Pkg. of 2/1.89**

L **2-Conductor 3/32" Submini Phone Plugs.** Solder lug terminals. 15/16" long. Sets of 2.
Black, 274-289. Red, 274-290. Tan, 274-291 .... **Pkg. 2/99¢**

M **Finger-Grip Phono Plugs.** Wing-tip construction.
274-343 ..... **Pkg. of 10/1.79**

N **Plastic Phono Plugs.** Mate with any phono jacks. Screw-together plastic housing. **274-319 Pkg. of 4/1.19**

O **Phono Plugs.** Three black, three red. Plastic sleeving prevents shorts. **274-451** ..... **Pkg. of 6/1.29**

P **Shielded Phono Plugs.** For easy soldering. Mates with all RCA-type phono jacks.
274-339 ..... **Pkg. of 2/1.39**

Q **Color-Coded Phono Plugs.** Plastic insulated covers. Cable clamp for strong connection. Assorted colors. **274-321** ..... **Pkg. of 8/1.69**

Phone Jacks For All Applications

A **Enclosed ¼" Jacks.** Accepts standard ¼" phone plugs. Solder lug terminals for positive connections. Versatile panel for PC mounting. All include mounting hardware for easy installation.
2-Conductor, Open Circuit. 274-280 ..... **69¢**
3-Conductor, Open Circuit. 274-282 ..... **89¢**

B **Enclosed ¼" Stereo Phone Jack.** Three-conductor. Double closed circuit. Positive connection. With schematic, hardware. **274-277** **1.39**

C **Enclosed ⅛" Miniature Phone Jacks.**
Closed Circuit. 274-296 ..... **Pkg. of 2/1.29**
Open Circuit. 274-297 ..... **Pkg. of 2/1.19**

D **3-Conductor ⅛" Miniature Phone Jacks.**
Closed Circuit. 274-250 ..... **Pkg. of 2/1.89**
Open Circuit. 274-249 ..... **Pkg. of 2/1.79**

E **Mono Inline ¼" Phone Jacks.** Durable black plastic shell. Accepts standard ¼" phone plug.
274-340 ..... **Pkg. of 2/1.69**

F **Stereo Inline ¼" Phone Jacks.** Slim black 3-conductor jack mates with any 3-conductor stereo phone plug. Solder lug terminals.
274-141 ..... **Pkg. of 2/1.79**

G **2-Conductor ⅛" Inline Jacks.** Accepts ⅛" mini phone plugs. Easy to install. Strong, positive connection. Ideal for making speaker and earphone extensions. **274-333** ..... **Pkg. of 2/1.29**

H **3-Conductor ⅛" Inline Jacks.** Use to make headphone extension cords for personal portables. Strain relief shell. **274-274** ..... **Pkg. of 2/1.79**

J **¼" Phone Jacks.** Accepts standard ¼" phone plugs. With hardware for easy installation.
2-Cond. Open Cir., 2 Closed. 274-324 Pkg. of 4/2.39
2-Cond. Open Circuit. 274-252 ..... **Pkg. of 2/1.29**
2-Cond. Closed Circuit. 274-255 .... **Pkg. of 2/1.49**
3-Cond. Open Circuit. 274-312 ..... **Pkg. of 2/1.99**
3-Cond. Closed Circuit. 274-311 .... **Pkg. of 2/2.49**

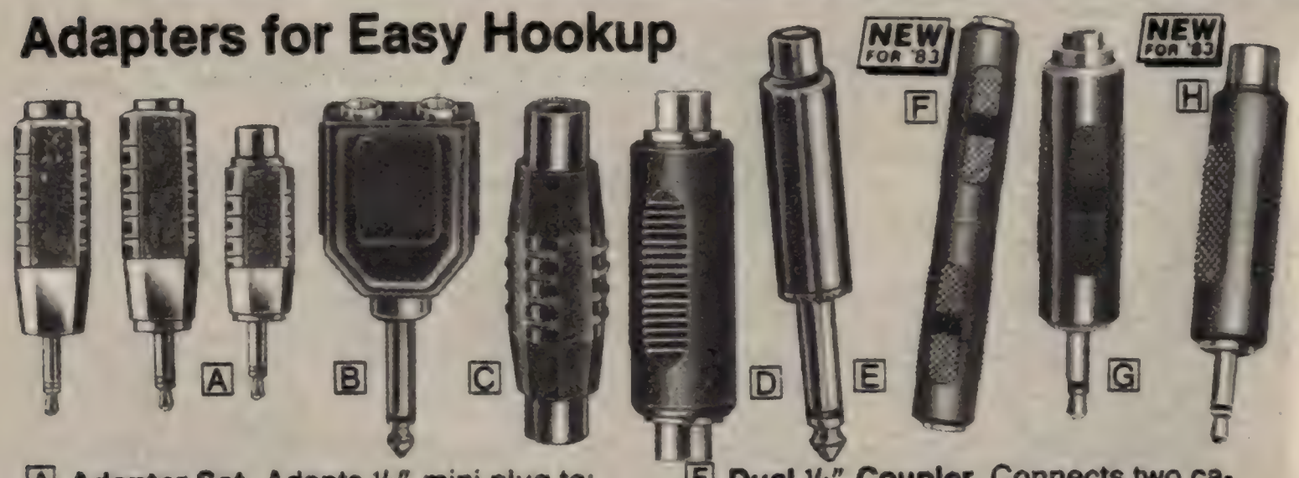
K **2-Conductor 3/32" Subminiature Phone Jacks.** Accepts submini phone plugs. Closed circuit.
274-292 ..... **Pkg. of 2/1.19**

L **2-Conductor ⅛" Miniature Phone Jacks.** Mounts in ¼" hole. Usable in panels up to ⅛" thick. Easy to install.
Open Circuit. 274-251 ..... **Pkg. of 3/1.29**
Closed Circuit. 274-253 ..... **Pkg. of 3/1.39**

AMERICAN EXPRESS, MASTERCARD AND VISA HONORED AT MOST RADIO SHACK STORES

Shack's Wide Selection of Adapters, Plugs and Jacks

Adapters for Easy Hookup



A **Adapter Set.** Adapts ⅛" mini plug to: 3/32" submini jack, ¼" phone jack, phono jack. **274-359** ..... **Set of 3/2.69**

B **Dual Mike/Speaker Adapter.** Adapts two ¼" two-cond. phone plugs to ¼" plug. **274-309** **2.79**

C **Dual Phono Jack Couplers.** Connects two cables with phono plugs. **274-1553** ..... **Pkg. of 2/1.39**

D **Dual Miniature Jack Coupler.** Connect two cables with ⅛" phone plugs. **274-1554** **1.29**

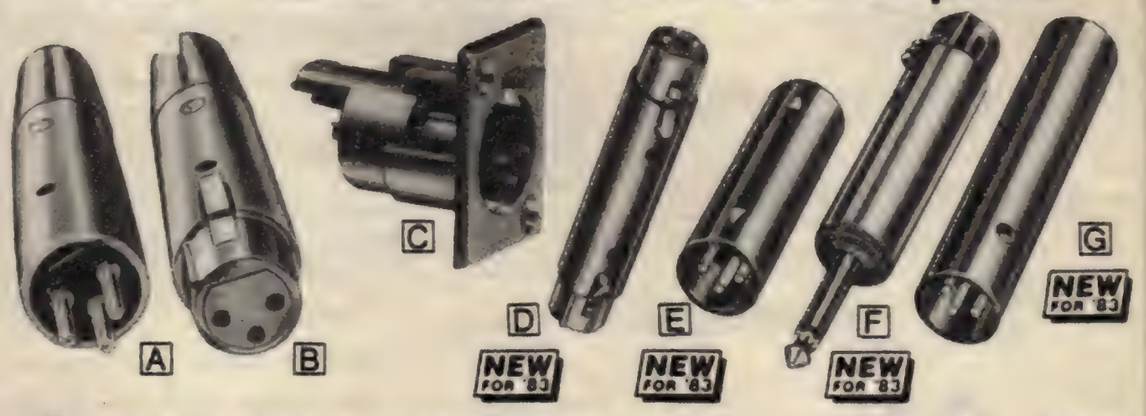
E **Phono Plug Adapters.** Converts phono plug to ¼" plug. **274-320** ..... **Pkg. 2/2.19**

F **Dual ¼" Coupler.** Connects two cables with ¼" plugs. For two- or three-conductor. **274-1556** **1.99**

G **Mini Phone Plug to Mini Jack Inline Signal Reducer.** Accepts ⅛" phone plug. 51 dB attenuation for distortion-free recording from earphone or external speaker jack output. **274-301** **1.99**

H **Phono Plug to Mini-Phone Jack Signal Reducer.** 40 dB attenuation permits taping with portable recorder from line-level (aux/tape) output to ⅛" mike input jack. **274-300** **1.99**

"XLR" Audio Connectors and Adapters



A **A3M-Type 3-Pin Plug.** All-metal. **274-010** **3.29**

B **A3F-Type 3-Pin Inline Connector.** Mates with A3M connector. Cable strain relief. **274-011** **3.29**

C **D3F-Type 3-Pin Panel Jack.** Locking type for sure connection. Push-button release. Accepts A3M plug. **274-013** **3.69**

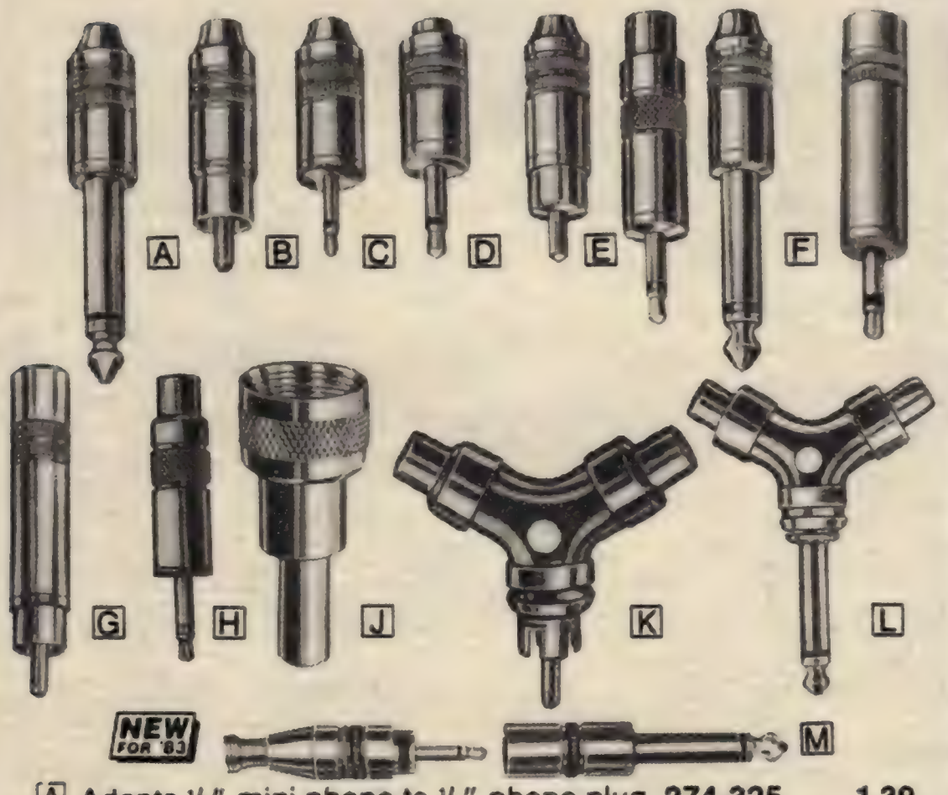
D **A3F to A3F Coupler.** Joins two A3Ms. Prewired. **274-014** **8.95**

E **A3M to A3M Coupler.** Joins two A3Fs. Prewired. **274-015** **5.95**

F **Adapter/Transformer.** A3F to ¼" phone plug. Use "pro" mike having A3M connector with amp or recorder that has ¼" jack. Built-in transformer adapts low-Z balanced to high-Z unbalanced. **274-016** **9.95**

G **Adapter/Transformer.** ¼" jack to A3M plug. Use high-Z unbalanced mike with equipment requiring low-Z balanced input. Use with 274-016 (above) for extended cable runs. **274-017** **8.95**

Shielded Plug Adapters



A Adapts ⅛" mini phone to ¼" phone plug. **274-325** ... **1.39**

B Adapts ⅛" mini phone to phono plug. **274-326** **1.39**

C Adapts ⅛" mini phone to 3/32" submini phone plug. **274-327** **1.39**

D Adapts 3/32" submini phone plug to ⅛" mini phone plug. **274-328** **1.39**

E **3-Pc. Plug Adapter Set.** Adapts ⅛" mini to plug. ⅛" mini to ¼" phone plug. Phono plug to 3/32" submini plug. **274-046** ..... **Set of 3/2.79**

F Adapts ¼" plug to ⅛" plug. **274-047** **1.39**

G ¼" **Phone Jack to Phono Plug.** Connects mikes, guitars to phono jack. **274-389** ..... **Pkg. of 2/2.39**

H Adapts phono plug to ⅛" plug. **274-330** **1.39**

J **Mike Adapter Plug.** Adapts standard ¼" plug to screw-on type coaxial mike plug. **274-048** **1.39**

K **Shielded Y-Adapter.** Two phono jacks connected in parallel to one phono plug. **274-303** **1.79**

L **Shielded Y-Adapter.** Two phono jacks in parallel to a ¼" phone plug. **274-304** **1.79**

M **"Shieldapter" Plug.** 2-conductor ⅛" solder-type mini plug with positive-mating ¼" phone plug adapter. Cable strain-relief. **274-045** **2.29**

Headphone Adapters

A **Dual Jack Adapters. Stereo ¼" Phone Plug.** Adapts two stereo headphones to a single ¼" stereo plug. **274-302** **2.99**

Mini ⅛" Phone Plug. Adapts two ⅛" miniature phone plugs to a single ⅛" plug. Mono. **274-310** **1.59**

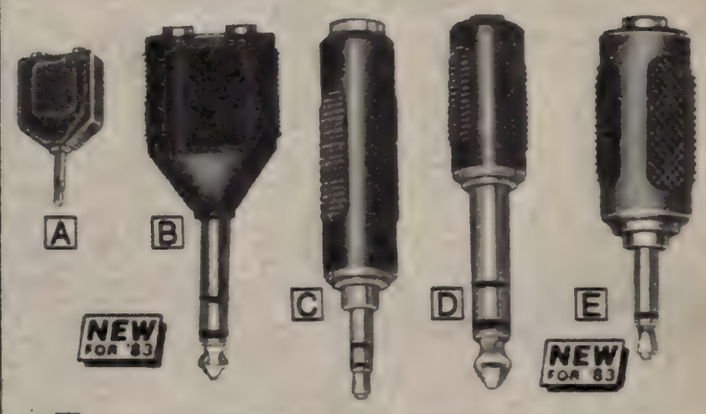
B ¼" **Stereo Jack to Mono ¼" Phone Plug.** For use with CBs, shortwave and ham sets, mono audio equipment. **274-360** **1.59**

C ¼" **Stereo Jack to ⅛" Mono Phone Plug.** **274-361** **1.59**

D ¼" **Stereo Plug to ⅛" Mono Jack.** Permits listening or recording in mono from stereo headphone jack. **274-363** **1.59**

E ¼" **Stereo Plug to Phono Jack.** Combines left and right channels from stereo headphone jack to mono output phono jack. **274-365** .. **1.59**

Mini Stereo Headphone Adapters



A **3-Conductor Mini Plug "Y".** Adapts two ⅛" stereo plugs to one ⅛" stereo plug. **274-313** **2.99**

B **Dual Jack "Y" Adapter.** ¼" stereo plug to two ⅛" stereo jacks. **274-305** **3.79**

C ¼" **Stereo Phone Jack to ⅛" Stereo Phone Plug.** Use regular stereo phones with personal portables. **274-366** **2.59**

D ⅛" **Stereo Phone Jack to ¼" Stereo Phone Plug.** **274-367** **2.39**

E ⅛" **Mono Phone Plug to ⅛" Stereo Phone Jack.** Adapts stereo mini-phones to mono jack. For TVs, portable radios, communications gear. **274-368** **1.19**

DIN-Type Connectors

A **2-Pin Polarized Plugs.** For speaker hookup to car stereos and European hi-fi gear. Solder-type. **274-008** ..... **2/79¢**

B **2-Pin Polarized Inline Jacks.** Solder-type. **274-009** ..... **2/79¢**

C **4-Pin Plug.** For audio, microprocessor use. **274-007** **1.49**

D **5-Pin Audio/Video Plug.** Shielded. **274-003** **1.49**

E **5-Pin Inline Jack.** Accepts 3 or 5-pin plugs. Solder terminals. Cable strain relief. Shielded. **274-006** **1.49**

F **5-Pin Chassis Socket.** Accepts 3 or 5-pin plugs. Solder terminals. **274-005** ..... **59¢**

4-Pin Audio Connectors

A **Chassis Mount Socket.** Mates with 4-pin plug. Solder terminals. **274-002** .. **99¢**

B **Mike Plug.** Many communications uses. Cable strain relief. Solder terminals. **274-001** **1.59**

Visit The Parts Place™ for Top-Quality Resistors

100-Pc. Resistor Kits

½ Watt and ¼ Watt

2.99 Each

¼-Watt. 10% Tolerance. 21 values, all color-coded. Six each: 100Ω, 1k, 4.7k, 10k, 100k; five each: 150Ω, 330Ω, 470Ω, 680Ω, 15k, 220k, 470k, 1 meg; four each: 180Ω, 390Ω, 2.2k, 56k, 120k, 330k; three each: 22k, 270k.
271-306 . . . . . **Set of 100/2.99**

¼-Watt. 5% Tolerance. 13 popular values, all color-coded, for building or replacement. Ten each: 10Ω, 1k, 10k, 100k; eight each: 47Ω, 100Ω, 470Ω, 2.2k, 4.7k, 1 meg; four each: 150Ω, 220Ω, 15k.
271-308 . . . . . **Set of 100/2.99**

350 Assorted Resistors In See-Through Boxes

9.95 Each

$33.75 Individual Parts Value!

½-Watt, 10% Tolerance. Popular values include: 10, 15, 22, 27, 33, 47, 68, 82, 100 150, 180, 220, 270, 330, 390, 470, 560, and 680Ω; k-ohms: 1, 1.2, 1.5, 1.8, 2.2, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2, 10, 12, 15, 22, 27, 33, 37, 39, 56, 100, 120, 150, 220, 270, and 470; megohms: 1, 2.2, 10.
271-601 . . . . . **Set of 350/9.95**

$27.30 Individual Parts Value!

¼-Watt, 5% Tolerance. Popular values include: 10, 15, 22, 27, 33, 39, 47, 51, 68, 82, 100, 150, 220, 270, 330, 390, 470, 510, 680, and 820Ω; k-Ω: 1, 1.2, 1.5, 1.8, 2.2, 2.7, 3.0, 3.3, 3.9, 4.7, 5.1, 5.6, 6.8, 8.2, 10, 12, 15, 20, 22, 27, 33, 47, 51, 56, 68, 82, 100, 120, 150, 220, and 470; meg-ohms: 1, 1.5, 3.3, 4.7, 10.
271-602 . . . . . **Set of 350/9.95**

Stepped Stereo Control

41 Detent Positions

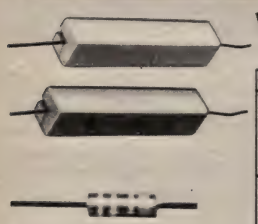
Ideal for new or replacement use. Dual click-stop pots with single ½"-long, ¼"-dia. shaft. Has 40% loudness countour tap. Requires a ⅜" mounting hole.
271-1732 . . . . **1.99**

Joystick Potentiometers

4.95 Each

Max. displacement from vertical, 30° all directions. Linear taper. 1"-long shaft. Body 1 7/16" sq. Solder lugs. With mtg. screws.

Ohms	Cat. No.	Each
40k	271-1706	4.95
100k	271-1705	4.95



Axial Leads

Wirewound Power Resistors

Watts	Ohms	Tolerance	Cat. No.	Price
1	0.56	5%	271-072	2/.69
1	1.0	5%	271-073	2/.69
1	3.3	5%	271-075	2/.69
2	10.0	10%	271-080	2/.69
5	0.1	10%	271-128	.49
5	0.33	10%	271-129	.49
5	0.47	10%	271-130	.49
10	1.0	10%	271-131	2/.89
10	10.0	10%	271-132	2/.89
10	50.0	10%	271-133	2/.89
10	100.0	10%	271-135	2/.89

Color-Code Guide

Only 49¢

Pocket-sized. Gives you fast, direct readout of resistor, capacitor and inductor values and tolerances in ohms, pF and µH. RETMA standard. **271-1210** . . **49¢**

Ohm's Law Calculator

49¢

Pocket-Sized Slide-Rule Always Has the Answers

Easy to use—provides quick answers to Ohm's law problems. Flip-side has scales for parallel resistance calculations.
271-1211 . . . . . **49¢**

PC Mount Potentiometers

59¢ Each

- *¼-Watt*
- *260° Rotation*

Thumb or screwdriver adjustable. Just install vertically on PC boards. Perfect companion to linear IC'S.

Ohms	Cat. No.	Each
500	271-226	.59
1k	271-227	.59
5k	271-217	.59
10k	271-218	.59
50k	271-219	.59
100k	271-220	.59
500k	271-221	.59
1 meg	271-229	.59

Miniature PC Potentiometers

49¢ Each

⅛-Watt

Ohms	Cat. No.	Each
1k	217-333	.49
10k	217-335	.49
25k	217-336	.49
100k	217-338	.49
500k	217-339	.49

Mini Controls

- *Fit 5/16" Hole*
- *SPDT Switch*
- *⅝ × ¾ × 1"*

1.69 Each

Ohms	Cat. No.	Each
5k	271-214	1.69
10k	271-215	1.69
100k	271-216	1.69

Potentiometers

1.09 Each

- *With Mounting Hardware*
- *Require 5/16" Mounting Hole*
- *1 11/16"-Long, ¼"-Dia. Shaft*

Audio Taper		
Ohms	Cat. No.	Each
5k	271-1720	1.09
10k	271-1721	1.09
100k	271-1722	1.09
500k	271-1723	1.09

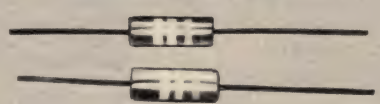
SPST Pot Switch

On/off switch mounts on rear of audio taper and linear tapers. Rated 3A at 120VAC. With instructions. **271-1740** . . . **69¢**

Linear Taper		
Ohms	Cat. No.	Each
5k	271-1714	1.09
10k	271-1715	1.09
50k	271-1716	1.09
100k	271-092	1.09
500k	271-210	1.09
1 meg	271-211	1.09
2 meg	271-093	1.09

½-Watt Resistors 10% Tolerance

Absolutely Top Quality



19¢ Pkg. of 2

½-Watt		½-Watt		½-Watt	
Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.
10	271-001	470	271-019	15k	271-036
15	271-003	560	271-020	22k	271-038
22	271-005	680	271-021	27k	271-039
27	271-006	1k	271-023	33k	271-040
33	271-007	1.2k	271-024	39k	271-041
47	271-009	1.5k	271-025	47k	271-042
68	271-010	1.8k	271-026	56k	271-043
82	271-011	2.2k	271-027	100k	271-045
100	271-012	3.3k	271-028	150k	271-047
150	271-013	3.9k	271-029	220k	271-049
180	271-014	4.7k	271-030	270k	271-050
220	271-015	5.6k	271-031	470k	271-053
270	271-016	6.8k	271-032	1.0 meg	271-059
330	271-017	10k	271-034	2.2 meg	271-061
390	271-018	12k	271-035	10.0 meg	271-069

¼-Watt Resistors 5% Tolerance

For Precision Circuits

39¢ Pkg. of 5

¼-Watt		¼-Watt	
Ohms	Cat. No.	Ohms	Cat. No.
10	271-1301	6.8k	271-1333
47	271-1307	10k	271-1335
100	271-1311	15k	271-1337
150	271-1312	22k	271-1339
220	271-1313	27k	271-1340
270	271-1314	33k	271-1341
330	271-1315	47k	271-1342
470	271-1317	68k	271-1345
1k	271-1321	100k	271-1347
1.8k	271-1324	220k	271-1350
2.2k	271-1325	470k	271-1354
3.3k	271-1328	1 meg	271-1356
4.7k	271-1330	10 meg	271-1365

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

Radio Shack Capacitors, Flashtubes and IF Filters

Xenon Strobe Flashtube

2.99 *Build Your Own Strobe Light*

Trigger voltage: 4kV. Anode: 300V max. 200V min. Flash energy: 4W/sec. Includes specs. Long-life.
272-1145 ..... **2.99**

4kV Trigger Coil

1.49

Use with flashtube (left). Requires 200-300VDC primary source.
272-1146 ..... **1.49**

"Monster" Strobe

NEW FOR '83 **3.69** *Extra Bright!*

Trigger Voltage: 6kV. Anode voltage: 500V. Flash energy: 20W/sec.
272-1147 ..... **3.69**

Photoflash Capacitor

NEW FOR '83 **5.95** *Use With Coil & Strobe Tubes*

500 microfarads. Voltage rating, 330VDC. Solder connections.
272-1148 ..... **5.95**

150 Ceramic Disc Capacitors

9.95

$30.25 Individual Parts Value!

50WVDC. Most popular values. Contains 15 .005µF, ten each of 100, 220, 470pF; .001, .002, .01, .02, .05, .1µF; five each of 5, 47, 68, 330pF; 25 other assorted values. Includes chart for identifying component values. Sealed construction. **272-601** **9.95**

Ceramic Disc Capacitors 50WVDC

Low As **39¢** Pkg. of 2

For RF, Bypass and Coupling Applications

Moistureproof coating. Hi-Q for low loss in RF circuits.

pF	Cat. No.	Pkg of 2	µF	Cat. No.	Pkg of 2
4.7	272-120	.39	.001	272-126	.39
47	272-121	.39	.005	272-130	.39
100	272-123	.39	.010	272-131	.39
220	272-124	.39	.050	272-134	.49
470	272-125	.39	.100	272-135	.49

Printed Circuit Capacitors

- *Epoxy Coated*
- *50WVDC*

Low As **59¢** Pkg. of 2

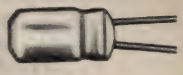
Miniature size, rugged construction. High stability and dielectric strength. Long radial leads.

µF	Cat. No.	Pkg. of	Price
.01	272-1065	2	.59
.022	272-1066	2	.69
.047	272-1068	2	.69
.1	272-1069	2	.79
.22	272-1070	2	.89
.47	272-1071	1	.79

Submini Aluminum Electrolytics

- *Low Leakage*
- *16WVDC Minimum*

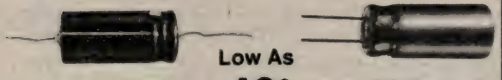
Low As **49¢**



Dependable, premium-grade capacitors with radial leads will replace more expensive and hard-to-find tantalum types in most applications.

µF	Cat. No.	Each	µF	Cat. No.	Each
.1	272-1415	.49	3.3	272-1421	.59
.22	272-1416	.49	4.7	272-1422	.59
.47	272-1417	.49	10.0	272-1423	.59
1.0	272-1419	.49	33.0	272-1426	.69
2.2	272-1420	.59			

Electrolytic Capacitors



Axial Type — Low As **49¢** — PC Type

High-grade aluminum capacitors with special end-seals for long life. Welded at all critical terminations. Popular values in both axial and PC types. All manufacturers' prime and fresh.

Axial Types			
µF	WVDC	Cat. No.	Each
220	16	272-1006	.79
4.7	35	272-1012	.49
10	35	272-1013	.59
22	35	272-1014	.69
47	35	272-1015	.69
100	35	272-1016	.79
220	35	272-1017	.89
470	35	272-1018	.99
1000	35	272-1019	1.59
2200	35	272-1020	2.49
3300	35	272-1021	3.49
4700	35	272-1022	3.59
470	50	272-1046	1.59
1000	50	272-1047	1.99
2200	50	272-1048	3.49

PC-Mount Types			
µF	WVDC	Cat. No.	Each
220	16	272-956	.79
470	16	272-957	.89
1000	16	272-958	.99
4.7	35	272-1024	.49
10	35	272-1025	.59
22	35	272-1026	.69
47	35	272-1027	.69
100	35	272-1028	.79
220	35	272-1029	.89
470	35	272-1030	.99
1000	35	272-1032	1.59
100	50	272-1044	.89

100 Disc Capacitors

1.98

Includes NPOs, Hi-Qs, N-750s, Mylar and ceramic types. Values from 2 pF to 0.1 µF in working voltages up to 1 kV. **272-801** ..... **Set of 100/1.98**

Low As **79¢**

Non-Polarized Electrolytics

Ideal for speaker crossover networks, audio filters and more. Long axial leads. Rated 50WVDC

µF	Approx. Crossover Frequency (8 ohms)	Cat. No.	Each
1.0	10 kHz	272-996	.79
2.2	8 kHz	272-997	.79
4.7	4 kHz	272-998	.89
10.0	2 kHz	272-999	.99

- *Epoxy Dipped*
- *250 WVDC*

Metal Film Capacitor

Low As **39¢**

Aluminum deposited Polyester film for low leakage and high temperature stability. For PC/Axial use.

µF	Cat. No.	Each	µF	Cat. No.	Each
.01	272-1051	.39	.22	272-1058	.69
.047	272-1052	.49	.47	272-1054	.79
.1	272-1053	.59	1.0	272-1055	.89

RF/IF Components

1.99 Pkg of 2 — **10.7 MHz IF Filters**

SFE 10.7MA5-A. For FM IFs. In/out impedances: 330 ohms. Bandwidth: 280 kHz. Perfect for 10 meter FM CB-to-Ham conversions. **272-1301** ..... **Pkg. of 2/1.99**

455 kHz Ceramic IF Filters

99¢ Pkg. of 2 *Replaces IF Transformers* NEW FOR '83

SFU 455-A. Bandwidth: 10 kHz. Makes AM/SSB receiver projects a snap.
272-1302 ..... **2/.99**

455 kHz Ceramic Resonators

NEW FOR '83

1.99 Pkg. of 2 *Ideal for BFOs*

CSB 455-E. Use for IR remote control, BFOs. Works like a crystal. 2 pins. Data incl. **272-1303** **2/1.99**

TV Colorburst Crystal

1.99 *3.579545 MHz*

Precision frequency standard in HC18/W package (wire leads). **272-1310** **1.99**

Trimmer Capacitors

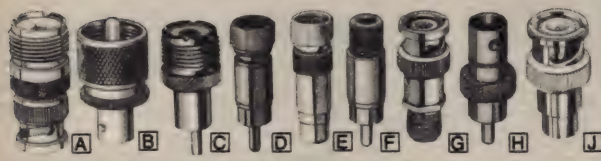
NEW FOR '83

1.59 Pkg. of 2

5-60 pF, PC mount, mini screw-driver slot adjustment. For IF and low-level RF peaking. **272-1340** **2/1.59**

Full Assortment of Coax Cable and Connectors

Video and RF Adapters



A **UG-255/U Adapter.** BNC male to UHF SO-239. **278-120** . . . **2.99**

B **UG-273/U Adapter.** BNC female to UHF PL-259. **278-121** . . **2.99**

C **Coax Plug Adapter.** Female UHF SO-239 to Motorola or RCA-type plug. Fits scanners and communication equipment antenna jack. **278-208** **1.99**

D **Male "F" Connectors to RCA-Type Phono Plug. 278-253** **1.79**

E **Female RCA-Type Phono to Male "F" Connector. 278-255** **1.95**

F **Female "F" to RCA-Type Phono Plug. 278-252** **1.59**

G **Female "F" to BNC Male. 278-251** **3.49**

H **BNC Female to RCA-Type Phono Plug. 278-250** **2.89**

J **Female RCA-Type Phono to Male BNC. 278-254** **3.29**

TV and FM Antenna Connectors

NEW FOR '83

A **75-ohm Coax Connectors. Type F-59.** For RG59/U cable used in TV antenna systems. **278-211** . . . . . **Pkg.2/89¢**

Type F-56. For RG6/U and "Aluminax"-type coax cable. **278-214** . . . . . **Pkg.2/89¢**

B **Coax "F" Connector. Type CF-59.** Long ½" crimp ring for greater holding power for RG59/U cable. **278-222** . . . . . **Pkg.2/99¢**

Type CF-56. Connector as above, but for RG6/U and "Aluminax"-type coax. **278-223** . . . . . **Pkg.2/99¢**

C **F-59 Solderless Push-On Connector.** Quick, easy hookup without soldering coax to connector. Plug pushes onto jack. No screw threads. For RG59/U cable. **278-215** . . . . . **Pkg.2/89¢**

D **F-59 Crimp Rings.** For replacement on F-59 connectors. **278-216** . . . . . **Pkg.6/59¢**

F-56 Crimp Rings. For replacement on F-56 connectors. **278-217** . . . . . **Pkg.6/59¢**

E **F-61 Connectors.** Mate with "F" connector. **278-212** . . . . . **Pkg.2/89¢**

F **F-81 Coupler.** Couples two "F" connectors. **278-213** . . . . . **.89¢**

G **Female "F" Screw-On to Male "F" Push-On. 278-218** . . . . . **.99¢**

H **"F" Male to "F" Male Adapter. 278-219** **1.59**

J **Female to Male "F" Right-Angle Adapter. 278-221** **1.89**

K **Crimping Tool. For "F" connectors. 278-220** **2.99**

Wide Selection of Convenient RF Connectors and Adapters

BNC CONNECTORS

A **SO-239 Chassis Mount.** UHF-type, plated finish. **278-201** . . . . . **99¢**

B **Solderless PL-259 Plug.** Allows quick, easy hookup without soldering coax to connectors. For RG58/U cable. **278-196** **Pkg.2/2.09**

C **PL-259 Plug.** UHF-type connector, screw-on lock. **278-205** **Pkg.2/1.99**

D **UG176/U Reducer.** For RG59/U cable. **278-204** . . . . . **Pkg.2/99¢**

UG175/U Reducer. For RG58/U cable. **278-206** . . . . . **Pkg.2/99¢**

E **Solderless Push-On PL-259 Plug.** Plug pushes onto jack. No screw threads. For RG59/U or RG58/U cable. **278-190** **1.59**

F **Inline Splicer for RG58/U Cable.** Join or extend cable. No special tools needed. Positive contact maintains wire impedance. **278-202** **1.69**

Inline Splicer for RG59/U Cable. 278-203 . . . . . **1.69**

G **M-359 Right-Angle Adapter.** UHF type with screw-on lock. **278-199** . . . **2.09**

H **M-358 "T" Adapter.** UHF-type screw-on lock. **278-198** **2.59**

J **PL-258 Coupler.** UHF-type connections. Plated finish. **278-1369** **1.59**

K **Double PL-259 Adapter.** For CB and Amateur use with inline TVI filters, SWR meters, antenna switches. Plated finish. **278-192** **1.89**

L **Motorola-Type Plugs.** Fit car radios, most scanners. **274-711** . . . **Pkg.2/69¢**

M **Motorola-Type Jacks With Mounting Flange. 274-712** . . . . . **Pkg.2/79¢**

N **Motorola-Type Jack With Shielded Inline Cable. 274-713** . . . . . **.99¢**

O **Type 1094 Female BNC.** Mounts in single 5/16" hole. **278-105** **1.59**

P **Type UG-88 Male BNC.** Solderless. **For RG58/U Cable. 278-103** **2.29**

For RG59/U and RG62/U Cable. 278-104 . . . . . **2.29**

Q **Female BNC for RG58 Cable. 278-113** **2.49**

Female BNC for RG59/U and RG62 Cable. 278-114 . . . . . **2.49**

R **UG-914/U BNC Female to Female Adapter. 278-115** **3.29**

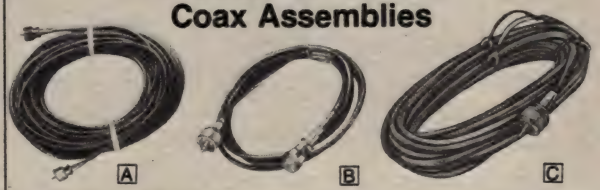
Coaxial Cable

Low As 14¢ Per Foot

Ideal for Amateur radio, CB, TV and FM. Low-loss Polyethylene dielectric tough outer jacket. Copper conductors made in USA by Radio Shack.

Ohms	RG Type	O.D. (In.)	Velocity Factor	Loss Per 100 Ft.				Capacitance Per Foot	Center Conductor	Cat. No.	Price Per Ft.
52	8/U	.405	66%	50 MHz 200 MHz	3.0 dB 5.0 dB	100 MHz 400 MHz	3.5 dB 8.0 dB	29 pF	13 gauge 7 x 21	278-1325	.29
52	8/M	.242	75%	50 MHz 200 MHz	2.2 dB 4.6 dB	100 MHz 400 MHz	3.0 dB 7.5 dB	26 pF	16 gauge 19 x 29	278-1328	.21
52	58/U	.196	66%	50 MHz 200 MHz	4.0 dB 8.0 dB	100 MHz 400 MHz	5.3 dB 12.0 dB	28 pF	20 gauge solid	278-1326	.16
75	59/U	.242	75%	50 MHz 200 MHz 700 MHz	1.8 dB 3.9 dB 9.1 dB	100 MHz 500 MHz 900 MHz	2.6 dB 7.5 dB 10.6 dB	15.5 pF	22 gauge solid	278-1327	.16
75	6/U	.266	75%	50 MHz 200 MHz 700 MHz	1.2 dB 2.7 dB 6.7 dB	100 MHz 500 MHz 900 MHz	1.8 dB 5.1 dB 8.3 dB	18.6 pF	18 gauge solid	278-1324	.14

CB/Communication Coax Assemblies



All cable is 52-ohm with PL-259 connector on each end except 278-966/975.

A **20-Ft. RG58/U Cable. 278-967** **6.39**

2-Ft. RG58/U Cable. Handy patch cable for SWR meters, antenna switches, etc. **278-968** **4.29**

5-Ft. RG8/U Cable. Heavy-duty patch cable for base stations. **278-969** **5.49**

50-Ft. RG8/U Cable. 278-970 . . . . . **19.95**

50-Ft. RG8/M Cable. 278-973 . . . . . **15.95**

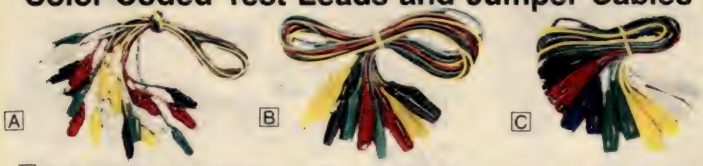
50-Ft. RG58/U Cable. 278-971 . . . . . **11.95**

B **6-Ft. RG58/U Extension Cable.** Inline SO-239. Perfect for mobile use. **278-975** **5.29**

C **20-Ft. RG58/U Cable.** PL-259 to spade lugs. **278-966** . . **6.39**

Radio Shack Has What You Need in Wire and Cable

Color-Coded Test Leads and Jumper Cables



A **Set of 10 Test Lead Cables.** 14" long with miniature insulated alligator clips on each end. **278-1156** **3.69**

A **Set of 4 Test Lead Cables.** 30" long. Insulated clips at both ends. Red, green, black, yellow. **278-001** **3.69**

B **8-Pack of 24" Cables.** Four colors. **278-1157** **3.99**

C **Set of 6 Heavy-Duty Claw-Type Jumper Cables.** 40" long. Insulated clips at both ends. **278-002** **3.99**

Replacement Cords

A **6-Ft. Line Cord.** 18-gauge wire, molded 2-prong AC plug, stripped leads. U.L. listed. **278-1255** ..... **79¢**

B **6-Ft. AC Power Cord.** Fits most cassette portables, radios. Female receptacle to 2-prong AC plug. U.L. listed. **278-1256** **1.59**

C **4-Ft. Polarized Fused DC Cable.** Ideal replacement for auto stereo, CB power cables. Inline quick-disconnect plug and inline fuse holder (less fuse). **270-025** **1.99**

2-Conductor Speaker Wire

Low-loss, all-copper construction is ideal for use with solid-state amplifiers. Molded plastic insulation is polarity marked for easy hookup.

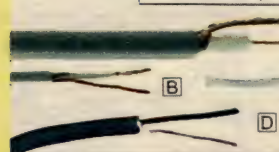
Description	Gauge	Feet	Cat. No.	Each
Miniature Clear	24 Solid	75	278-1509	2.19
Medium Clear	22 Stranded	100	278-1385	4.59
Standard Clear	20 Stranded	75	278-1388	5.39
Low Loss Clear	18 Stranded	30	278-1602	3.49
Low Loss Clear	18 Stranded	60	278-008	5.99
Standard Brown	20 Stranded	100	278-1387	5.99
Heavy-Duty Brown	16 Stranded	30	278-1263	3.89
Heavy-Duty Brown	16 Stranded	100	278-1384	11.95

Zip Cord Specials

Really handy! Flexible twin-conductor stranded copper wire with molded plastic insulation. Colors may vary.

Description	Gauge	Feet	Cat. No.	Each
2-Conductor, Plastic	18	30	278-864	2.79
Miniature, Plastic	24	50	278-1301	2.79
2-Conductor, Plastic	20	30	278-1265	2.69
2-Conductor, Plastic	18	100	278-1264	7.99

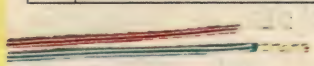
Shielded Cable



Low-loss cable for microphones, audio and communications equipment. All copper conductors.

Fig.	Description	Feet	Cat. No.	Each
A	Heavy-Duty w/braided shield	40	278-751	6.19
	Single Conductor w/braided shield	20	278-1277	2.39
B	Miniature w/spiral wrap shield	30	278-752	3.29
C	2-Conductor w/spiral wrap shield	50	278-1275	5.19
	2-Conductor w/spiral wrap shield	20	278-1276	2.69
D	2-Cond. Heavy-Duty w/spiral wrap shield	50	278-1278	21.95

Hook-Up Wire Packs



(Single Color)

Fig.	Type	Ga.	Ft.	Cat. No.	Each
A	Solid	18	60	278-1291	2.19
B	Stranded	18	55	278-1292	2.19
	Solid	20	80	278-1294	2.19
	Stranded	20	75	278-1293	2.19
	Solid	22	100	278-1295	2.19
	Stranded	22	90	278-1296	2.19

(3 Assorted Colors)

Type	Ga.	Ft.	Cat. No.	Each
Solid	18	60	278-1302	2.19
Stranded	18	45	278-1303	2.19
Solid	20	75	278-1305	2.19
Stranded	20	60	278-1304	2.19
Solid	22	90	278-1306	2.19
Stranded	22	75	278-1307	2.19

Solid Buss Wire

Makes Ground Wiring Easy

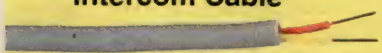
Fifty feet of wire for Perf-Board and printed circuit projects. For ground and jumper wiring, too. Pretinned 24-gauge copper on handy plastic spool.
278-1341 ..... **1.49**

Magnet Wire

Ideal for Winding Coils

Three different gauges of wire, each on a separate spool. You get 40 ft. of 22-gauge, 75 ft. of 26-gauge, 200 ft. of 30-gauge.
278-1345 ..... **Pkg. 3/4.49**

Intercom Cable



Color-coded with gray jacket. 24-gauge.

Description	Feet	Cat. No.	Each
2-Wire solid	75	278-559	3.29
3-Wire solid	75	278-370	5.49
3-Wire stranded	50	278-371	4.39
3-Wire solid	30	278-855	2.19

Rainbow Wire Packs

Colors may vary from photo

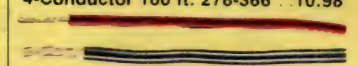
2 and 4 Conductor

Flexible flat parallel cable, color-coded for easy identification. PVC insulation resists temperature changes. Perfect for use with low-voltage hook-ups or intercoms. 24-gauge solid copper.
2-Conductor, 35 ft. 278-755 ..... **2.39**
4-Conductor, 25 ft. 278-757 ..... **2.39**

Telephone Cable

A Color-coded wire with beige jacket. 24-gauge solid.
4-Conductor 50 ft. 278-372 ... **5.49**
4-Conductor 100 ft. 278-373 .. **10.95**

B Modular Cable, color-coded, 26-gauge.
4-Conductor 50 ft. 278-365 ... **5.49**
4-Conductor 100 ft. 278-366 .. **10.98**



Test Probe Wire

Flexible plastic insulation, 20-gauge stranded copper. 25 ft.
Red. 278-553 ..... **1.99**
Black. 278-554 ..... **1.99**

Heavy-Duty 12-Ga. Wire

Black. 20-Foot **278-1280** **2.79**
Red. 20-Foot **278-1289** **2.79**

Accessories to "Wrap Up" Your Wiring Job

A **4" Wire Ties.** Self-locking nylon ties for permanent attachment. Natural color, unbreakable.
278-1632 ..... **Pkg.30/1.59**
5" Wire Ties. As above.
278-1631 ..... **Pkg.30/1.99**

B **Heat-Shrinkable Tubing.** Fits over wire and shrinks to half its original diameter when heated. ⅛ to ½" sizes.
4" Tube. Shrinks at 95-200°F.
278-1627 ..... **Pkg.14/1.59**
1" Tube. Requires 275°F for shrinking.
270-1166 ..... **Pkg.20/1.69**

C **Strain Reliefs.** One-piece construction absorbs pull and twist. Set of six includes four SPT1 and two SPT2 "types."
278-1636 ..... **69¢**

D **Coax Clips.** Nail to wall, keep cable in place.
For RG58/U Cable. 20-192 **Pkg.10/99¢**
For RG8/U Cable. 20-193 ... **Pkg.6/99¢**

E **Spiral Wrap.** Neatly bundles long lengths of wire. 5-ft. clear and 5-ft. black. ⅜". **278-1638** **2.19**

F **Universal Cable Clip.** Adjusts to wire size, up to ½"-dia. Self-adhesive.
278-1639 ..... **Pkg.10/1.69**

Shortwave Antenna and Accessories

A B C **Complete Antenna Kit.** Perfect for long-distance reception. All you need for outdoor hookup. Kit includes 75 feet copper antenna wire, 50 feet lead-in wire, window feed-thru, insulators and complete instructions. **278-758** **8.49**

B **Heavy-Duty Antenna Wire.** For outdoor/indoor antenna hookups, grounding. Seven strands of 22-gauge bare copper for maximum strength.
278-1329 ..... **65 Feet for 4.59**

C **Insulators.** Egg-shape construction for maximum strength. Low-loss material. For antenna or guy wire installation. Style may vary slightly. **270-1518** .. **Pkg.2/69¢**

Great Values for Solar and Video Experimenters

Portable Solar Panel Puts The Sun to Work for You

NEW FOR '83 **24.95**

Radio Shack Exclusive!

- ***Switchable 12 or 6VDC Output***
- ***Contains 32 Full-Spec Cells***
- ***—Not Seconds or Sweepings***

Available Oct. 30, 1982

Ready-to-use panel of polycrystalline cells converts bright sunlight into approximately 1/2-watt of "free" electrical power. Ideal for charging batteries (especially our #23-126 9-volt nickel cadmium cell). Will also power radios, calculators, toys and many other devices directly from the sun. Usable output with full sunlight: 80 milliamps at 6V, 40 mA at 12V. Special lens and detachable 5 × 4" reflector panels allow maximum collection with minimum repositioning. 48" plug-in lead with clips. 5 3/4 × 4 1/8 × 5/8". Not for permanent outdoor installation. **277-1250** **24.95**

Solar Energy Project

NEW FOR '83 **9.95**

- ***Ready to Use***
- ***Ideal for Models***

An efficient silicon solar cell pre-wired to a precision DC motor—ready for your creative ideas! Perfect for building into model windmills, boats, school and science fair projects. Includes color wheels, mini propeller, booklet with solar power information and projects. Fun and educational! **277-1201** **9.95**

Varactor UHF-TV Tuner

NEW FOR '83 **24.95**

Brand New—NOT Surplus

UES-A56F. Sensitive and stable—great for custom video projects, adapters and replacement. No moving parts—tuned by 0 to 28VDC control voltage. 75-ohm input and output. 12VDC. 55.4 × 82.6 × 25.5mm. With data. **277-220** **24.95**

TV RF Modulator

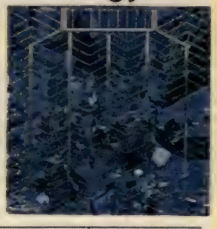
NEW FOR '83 **9.95**

High-Performance Circuit

UM1285-8. Mini TV modulator for use with computers, video games, VCRs, video enhancers, custom adapters and Amateur television. Accepts color or b&w video, line-level sound. Output: VHF channel 3 or 4 through phono jack. 6VDC. With data. **277-221** **9.95**

Solar Cells—Harness the Sun's Energy

Low As **3.95** NEW FOR '83



First-Quality, High-Output Polycrystalline Cells for Battery Charging, Powering Projects. Wire in Series To Obtain More Voltage

Fig.	Size	DC Voltage and Current (Usable)	Cat. No.	Each
A	2.5 × 5cm	0.42V at 160 mA	276-124	3.95
B	5 × 10cm	0.42V at 333 mA	276-126	9.95
C	10 × 10cm	0.42V at 1.33 amps	276-128	17.95

Big Selection of Low-Cost, High-Quality Relays for Your Projects

Micro-Mini SPDT, 5VDC Coil

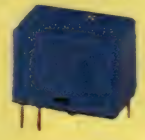
NEW FOR '83 **2.49**

Actual Size

Just 11/32 × 3/8 × 1/4"! Ideal for crowded PC boards. Contacts rated 1 amp at 125VAC. 55-ohm, 90-milliamp coil. Mounts on PC boards with .100" hole centers. **275-240** **2.49**

SPDT DIP Relay, 5VDC Coil

NEW FOR '83 **2.99**



Fits 14-pin DIP socket or mounts on PC boards with .100" hole centers. Contacts: 2 amps at 125VAC. 5VDC, 72 mA, 70-ohm coil. **275-243** **2.99**

3/8 × 9/16 × 3/8"

Mini SPDTs With 3-Amp Contacts

NEW FOR '83 **3.49 Each**

For limited-space projects that require switching up to 3 amps at 125VAC. 5VDC coil, 70 ohms, 72 mA. **275-246** **3.49**

With 12VDC Coil. 400 ohms, 30 mA. **275-247** **3.49**

9/16 × 25/32 × 5/8"

Submini DPDT DIP Relays

4.49 Each ***Fit 16-Pin DIP Socket or Mount On PC Board***

5VDC Coil. Contacts: 1 amp at 125VAC. Coil: 100 mA, 50 ohms. 7/16 × 25/32 × 3/8". **275-215** **4.49**

12VDC Coil. As above, but 43 mA, 280-ohm coil. **273-213** **4.49**

Mini SPDT Relays

- ***Sensitive***
- ***Wire Leads***

2.99 Each

6-9VDC, 500-Ohm Coil. Typical current drain 12 mA—ideal for battery-powered circuits. Contacts: 1 amp at 125VAC. 1 × 1 1/16 × 3/4". **275-004** ... **2.99**

12VDC, 1200-Ohm Coil. Draws 10 mA. **275-003** .. **2.99**

Miniature DPDT With 12VDC Coil

Socket Included **4.69**

Contacts: 3 amps at 125VAC. Coil: 75 mA, 160 ohms. Relay in transparent case, 1 1/4 × 1 × 3/4". Chassis or PC-mount socket with clip for relay. **275-206** **4.69**

Miniature 4PDT With 12VDC Coil

4.99 ***Long-Life Contacts Rated 3A at 125VAC***

Switches up to four circuits! For PC or socket mounting. 12VDC, 75 mA, 160-ohm coil. 1 3/8 × 1 1/8 × 13/16". **275-214** **4.99**

Heavy-Duty DPDT 10-Amp Relays

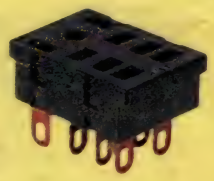
Contacts Rated 10A at 125VAC **5.99 Each**

For plug-in use or soldering. 1 5/8 × 1 × 3/4". U.L. recognized. **12VDC, 160-ohm coil.** **275-218** **5.99**

120VAC, 5000-ohm coil. **275-217** **5.99**

Relay Sockets

For Chassis or PC Board Mounting **1.49 Each**



Socket for 275-217, 275-218. Rated 10 amps. **275-220** **1.49**

Socket for 275-214. Rated 3 amps. **275-221** **1.49**

Get a Metal Detector—And Discover Hours of Fun

A Low-Cost Detector—Great for Kids

Easy to operate! Spots anything metallic up to six inches underground. Tuning and fine-tuning controls. Sensitive search coil changes pitch of speaker when a "find" is near. Shaft extends to 27". Requires 9V battery. **60-3003** **19.95**

B Standard Metal Detector

• Ferrous/Non-Ferrous Control • 8" Search Coil

Discover metal under soil, wood and dry sand. Water-resistant coil has Faraday Shield to help reduce false readings. Large meter, peaking and volume controls. Lightweight design—ideal for lengthy searches. Includes earphone. Shaft extends to 24". Requires six "AA" batteries. **63-3001** **39.95**

C Our Best! Discriminator Detector

Rejects "Junk" Items Such as Bottle Caps and Pull Tabs—Helps Reduce Unnecessary Digging

Micronta® 4001. Advanced circuit helps discriminate between valuable and common articles. Built-in speaker gives audible indication, and a large meter provides visible reading. Features a convenient handle-mounted pushbutton for automatic tuning, front-panel volume and discriminator controls, battery test switch. Water-resistant, extra-sensitive 6" coil. ¼" headphone jack. Shaft extends to 24". Requires six "AA" batteries. **63-3002** **59.95**

Pick a Project and Learn As You Build With a Solder-Type Archerkit®

Multimeters—The Most Useful of All Testing Devices!

A **7.95**

NEW LOW PRICE!
B **19.95**
Was $22.95 in 1982 Catalog

NEW LOW PRICE!
C **29.95**
Was $32.95 in 1982 Catalog

All Include Easy-to-Follow Instructions

A **8-Range Multitester Kit.** Pocket-sized—ideal for field testing. Features mirrored scale, pin jacks to select ranges, 1000 ohms per volt DC sensitivity. Measures up to 1000 volts, AC and DC, in six ranges; DC current to 150 milliamps; resistance to 100,000 ohms. 3½ × 2½ × 1¼". With test leads. Requires "AA" battery. **28-4012** **7.95**

B **25-Range Multitester Kit.** Color-coded, mirrored 4" scale. 20,000 ohms per volt DC sensitivity. Measures to 1200 volts, AC and DC, in 12 ranges; DC current 0 to 60 microamperes, 0 to 300 milliamperes in three ranges; Resistance R × 1—R × 1000. Decibels, -20 to +63. Accuracy: ±3% DC, ±4% AC. 5½ × 4 × ½". With leads. Requires "AA" battery. **28-4013** **19.95**

C **43-Range Multitester Kit.** 50,000 ohms per volt DC sensitivity, easy-to-read 4½" mirrored scale. Range doubler switch gives you extra resolution on DC current and voltage ranges. Measures to 1000 volts, AC and DC, in 28 ranges. DC current to 10 amps in 10 ranges. Resistance R × 1—R × 10k. Decibels, −20 to +62. Accuracy: ±3% DC, ±4% AC. 6½ × 4¾ × 2". With test leads. Requires "AA" and 9V batteries. **28-4014** **29.95**

Biofeedback Monitor Kit

"Hear" Your Emotions! **12.95**

• Monitor Your Reaction To Different Situations
• Adjustable Sensitivity

Can actually help you learn to overcome stress! Includes touch-sensitive finger-wraps and earphone jack for "private" meditation. 4½ × 3¼ × 1". Requires 9V battery. **28-4028** **12.95**

Listen to AM on a Radio You Built

12.95

Printed Circuit Board For Easy Assembly

A quality portable that sounds even better because you built it yourself! Built-in speaker, earphone jack for private listening. With complete instructions. 3¼ × 5¼ × ½". Requires 9V battery. **28-4029** . . . **12.95**

'Solderless' Science Fair® Kits—Fun and Educational

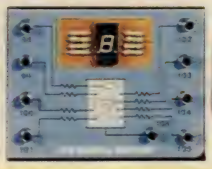
Includes 8¼ x 11" 186-Page Lab Manual

Increase Your Electronics Knowledge With 160 Challenging Projects

NEW FOR '83

29.95 *Includes All You Need to Start a Hobby in Electronics!*

Build radios, transmitters, learn solar telemetry and more. Experiment with simple computer circuits, a flip-flop lamp flasher, even produce electronic sound effects. Parts are pre-mounted, with spring-clip connectors. All projects solar or battery powered. Requires one 9V and two "AA" batteries.
28-258 . . . . . **29.95**


7-Segment LED Display

Code Key

Meter

Digital "Computer" Kit

26.95 *100 Exciting Projects For All Ages!*

Build your own "computer" and learn about programming and binary math. Easy assembly. Includes illustrated 68-page manual. Requires three "C" batteries.
28-218 . . . . . **26.95**

AM/FM Radio Kit Tunes In the Fun

12.95

Hear your favorite local stations. Preassembled FM tuner section, four transistors, transformer. Includes earphone and manual. Requires two "AA" batteries. **28-234** **12.95**

Hear the Local Action! VHF Radio Kit

14.95 *Police! Aircraft! Weather!*

Covers 108-135 MHz and 147-174 MHz bands. With dust cover, earphone. Solderless. Requires 9V battery. **28-221** **14.95**

Police frequencies vary. Check locally for frequencies used in your area.

100 Exciting Projects for Future Aviators

19.95 *Study the Mechanics Of Flight!*

Perfect introduction to aeronautics—build a helicopter, a flyable model airplane, rocket with parachute recovery system, helium balloon and more. 160-page manual. **28-196** **19.95**

Perfect "First" AM Radio Kit

"Plays Forever"

4.95

No batteries, no AC! Diode converts RF signal to audio. Covers 550 kHz to 1600 kHz. Earphone, instructions. **28-219** **4.95**

Build a Real AM Radio

Easy to Assemble!

6.95

Enjoy your local AM stations—tunes entire 550-1600 Hz band. With earphone, instructions. Requires 9V battery. **28-229** **6.95**

Now You Can Be A Radio Disc Jockey

Create Your Own Programs!

7.95

"Broadcast" through any standard AM radio up to 40 feet away! Includes mike, transmitter. Requires 9V battery. **28-209** **7.95**

AMERICAN EXPRESS, MASTERCARD AND VISA HONORED AT MOST RADIO SHACK STORES

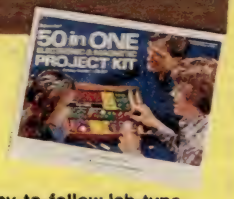
Easy-to-Build 'Solderless' Kits for Hobbyists of All Ages

50 Fascinating Electronics Projects

Safe, Easy Hookup!

19.95

Finished-Wood Workbox With Pre-Mounted Parts



Easy-to-follow lab-type manual included!

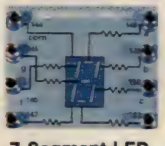
Experiments to stimulate young minds! Now you can build a radio, telegraph, Morse code system and more. Learn about transistors, diodes, resistors, capacitors. Just connect wires to spring-clip terminals in the wood workbox—no soldering, nothing to clean up. Requires two "AA" batteries and one 9V battery. **28-227** . . . **19.95**

200 Projects! Our Largest Lab Kit Ever

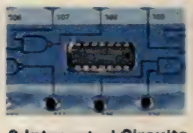
100% Safe!

44.95

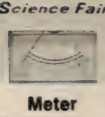
Includes 10⅛ x 14¼" 128-page lab-type manual with easy instructions!



7-Segment LED



2 Integrated Circuits



Meter

No prior knowledge of electronics necessary! Build a burglar alarm, telegraph, AM broadcast station, digital timer, electronic organ, radio and much more. You also get integrated circuits that help teach computer fundamentals. All parts pre-mounted in the 2⁷/₁₆ x 13 x 9⅞" molded case—no soldering needed! Requires six "AA" batteries. Includes dust cover. **28-249** **44.95**

30 Projects Make Learning Fun

NEW FOR '83

14.95

Build and experiment with an electronic siren, radio, beacon light, burglar alarm, timer, even simple computer circuits! Requires 2 "AA" batteries. **28-161** **14.95**

Now You Can Harness the Power Of the Sun

25 Solar Powered Electronics Circuits **14.95**

Make a sun-powered radio transmitter, relay, sound synthesizer and other projects. With manual. Some projects require one 9V and two "AA" batteries.
28-246 . . . . . **14.95**

Adventure into the Electronics World

NEW LOW PRICE

9.95

10 Projects!

Was $11.95 in 1982 Catalog

Build a burglar alarm, water detector, Morse code circuit, simple "AND," "OR" and "flip-flop" computer circuits. Requires 9V battery.
28-160 . . . . . **9.95**

Motor/Generator Kit

9.95

Tri-polar electric motor measures RPM and current. Powers other devices, too. Requires two "C" batteries.
28-194 . . . . . **9.95**

Junior Astronomy Kit

10.95

Build a 15X x 12-power telescope and study the moon, planets and stars. 32-page manual. **28-195** **10.95**

Tandyvision™ One—Radio Shack's Finest Electronic Video Game Ever!

Uses Intellivision and Sears Super Video Arcade Cartridges

249.95

NEW FOR '83

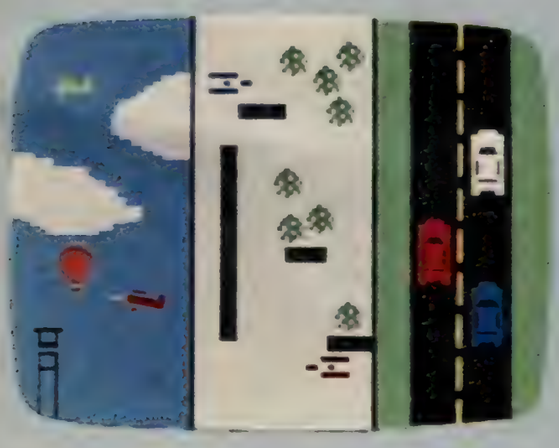
Poker/Blackjack Cartridge Included With Console and Controls

Play Exciting and Challenging Games Like Astrosmash™ Where You Defend Your Space Station From Hostile Forces!

Tandyvision-One has a powerful 16-bit microprocessor for the finest game selection, sound effects, music, color and high-level resolution. Built into the console, its sophisticated programming allows players to handle virtually any game selection. The two controllers, each with pushbutton keypads and a special rotating disk, let each player *move in 16 directions* on the screen with life-like precision. Complete with console, a pair of hand-held controllers, Las Vegas Poker and Blackjack cartridge, two keypad overlays, instruction book and owner's manual. Attaches easily to any color TV with included game switch. Console, 3 × 15½ × 9". Controller, each 6 × 2¾ × ¾". U.L. listed AC operation. FCC registered. **58-1000** **249.95**

Baseball

Space Armada



Triple Action

NFL Football

These Exciting Intellivision Cartridges Available at Your Local Radio Shack Store

Checkers. The ancient game. Player against computer. Two skill levels. **58-1120** **17.95**

Frog Bog™. Frogs jump from lily pad to catch dragon flies. Two players. **58-5301** **19.95**

*__Word Fun™.__ Three word games for children that help develop vocabulary and spelling. **58-1122** **19.95**

*__NHL® Hockey.__ Fast-paced action with cheers, buzzers. whistles. Two players. **58-1114** **24.95**

Triple Action™. Battle with a tank, soar in a plane, race a car. **58-3760** **24.95**

Auto Race. Hazardous turns and split-second coordination. Choice of courses. **58-1113** **29.95**

*__U.S. Ski Team Skiing.__ Choose slalom or downhill course. Race against clock or other skiers. **58-1817** **29.95**

*__NFL® Football.__ Offense, defense. punts, passes, runs. Two players. **58-2610** **29.95**

Space Battle™. You're in mortal combat with alien invaders. **58-2612** **29.95**

*__Major League Baseball®.__ Major league action. Two 9-man teams. Nine full innings. Two players. **58-2614** **29.95**

Astrosmash™. Defend your space station from attacking forces. **58-3605** **29.95**

Snafu™. Don't get cornered by the moving stripes of color. Two players. **58-3758** **29.95**

Space Armada™. Defend earth! Plenty of excitement . . . and aliens. Two skill levels. **58-3759** **29.95**

Sea Battle™. Sail the high seas and do battle with your flotilla. Two players. **58-1818** **34.95**

Star Strike™. Hurtle through a trench to destroy alien ships. **58-5161** **34.95**

*Trademark used under license from designated owner

Intellivision™ Cartridge "Hotline"

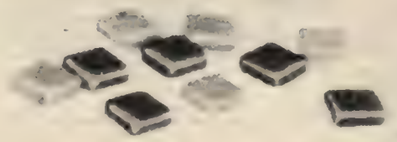
Your Nearby Radio Shack Store Has a Special Hotline for Ordering All Intellivision Cartridges Not Listed Above

NEW FOR '83

We're your one-stop center for game cartridges! If it's not in stock, we'll special-order it for you via our Hotline and have it ready for pickup in just a few days! No extra charge for this service!

Have Fun! The Latest in Electronic Entertainment

LCD Computer Game Tests Your Backgammon Skills



59.95 NEW FOR '83

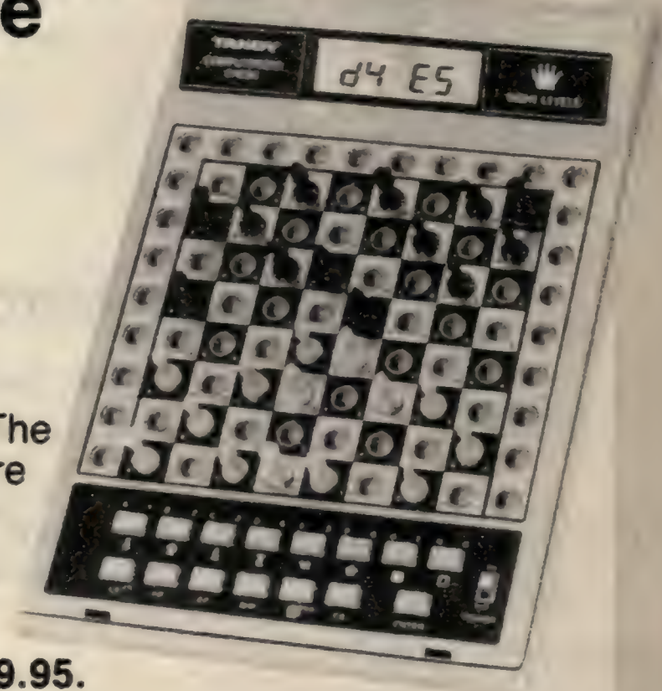
- ***Includes Built-In Board, 30 Game Pips, Electronic Dice***
- ***Sharpen Your Skills by Trying to Beat the Computer***
- ***Exciting Entertainment—You Can Play at Home or Away***

Improve your game as you play the "master". Offers hours of fun for both beginning and experienced players. Acknowledges gammons, backgammons and doubling. LCD position verification. 1¾ × 12¾ × 7½". Requires 9V battery or AC adapter. **60-2161** **59.95**

AC Adapter. U.L. listed. **60-3053** **5.95**

Deluxe LCD Computer Chess Game

69.95 NEW FOR '83



- ***Choose from 8 Play Levels***
- ***Built-In Board & Pieces***

Beginners and aspiring masters will enjoy playing the computer. The higher the level you play, the more challenging the game. LCD rank display and position verification. 2 × 5½ × 8¼". Requires six "AA" batteries or AC adapter.

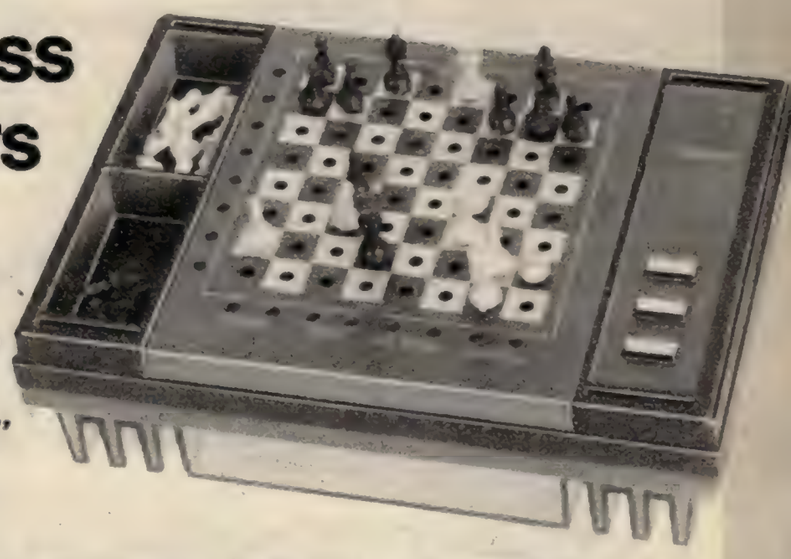
60-2175 ..... **69.95.**

AC Adapter. U.L. listed.

60-3053 ..... **5.95** **With Protective Cover**

Sensory Chess for Beginners

49.95 NEW FOR '83



- ***Work Your Way Through 8 Levels of Play***
- ***Computer Chip "Reads" Each Move Made, Automatically***

At last—the perfect way to learn basic chess! As you master the basic levels, move up to the more challenging ones. 1 × 6¾ × 4¾". Requires 9V battery or AC adapter.

60-2176 ..... **49.95**

AC Adapter. U.L. listed. **60-3053** **5.95**

Popular, Low-Priced TV Game

One or Two Players

39.95

Attaches To Any TV In Seconds

Six action-packed games in one! Features a photoelectric pistol, on-screen scoring, sound effects and auto/manual serve. Also has variable ball speed, paddle size and bounce action so you can adjust the play to challenge any skill level. Requires six "AA" batteries or AC adapter. FCC registered. **60-3061** **39.95**

AC Adapter. U.L. listed. **60-3053** **5.95**

Blackjack-21 Game and Calculator

NEW LOW PRICE

19.95

Was $22.95
In 1982 Catalog

- ***With "JQK" Display***
- ***Calculator Has Full 4-Key Memory***

An electronic hand-held casino that's also a full-function calculator. Separate keys for Hit, Bet, Stand, Insurance, Double, Split, plus a "deposit" function. "Total" key reviews your current stake. With vinyl carry case. Requires three "AAA" batteries.

60-2167 ..... **19.95**

Electronic Action Fun for All Ages

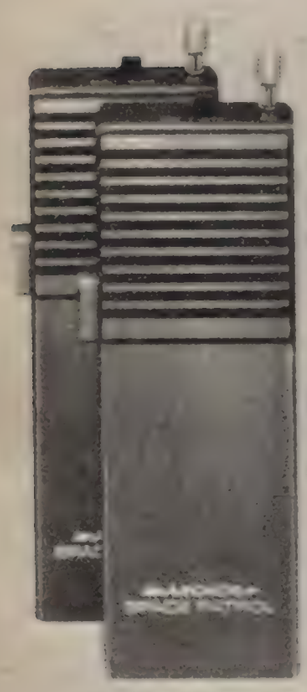
Archer Space Patrol® Walkie-Talkie

9.95 Each

- ***Flexible Antenna Stands Up to Rugged Use Without Breaking***
- ***Great for Outdoor Adventure or to Keep in Touch on Trips***

Buy a pair for outdoor fun and safety—talk, or send Morse Code. Features built-in code key with alphabet on front panel. Just two simple controls: On-off switch and lock-on talk button. Operates on 49.8 MHz. Not CB—no license required! Requires 9V battery.
60-4005 . . . . . **Each 9.95**

Space Patrol With Built-In AM Radio



- ***It's a Walkie-Talkie—It's an AM Radio!***
- ***Great for Camping, Fishing, Hiking***

15.95 Each

Double fun! Features on-off volume, AM tuning, plus locking talk button, Morse Code key, code alphabet, telescopic antenna, carry strap. Operates on 49.8 MHz. Not CB—no license required! Requires 9V battery. **60-4003** . . . . . **Each 15.95**

Fun-Filled Micro-Thin Space Patrol

18.88 Pair

- ***Compact Enough to Fit in a Shirt Pocket***
- ***Handy Communications Indoors or Out***

Goes anywhere! Features ultra-sensitive super-regenerative receiver, 1½" speaker, push-to-talk button, telescopic antenna. Operates on 49.8 MHz. Not CB—no license required! Requires two 9V batteries. **60-4004** . . . . . **Pair 18.88**

Wireless FM Mike

6.95

Lets You Be a Radio Announcer

You'll get hours of creative enjoyment with this neat FM microphone! This novel "toy" lets you broadcast your voice through any standard FM radio. All you have to do is tune the dial to any blank spot—and step into the spotlight! Includes antenna. Requires two "AA" batteries. **60-2109** . . . **6.95**

Two-Player Electronic Football

29.95

- ***Computerized Football Action You Can Play With a Friend***
- ***Realistic, Fast-Paced***

Fourth down and goal to go with true-to-life gridiron action! Dual controls let two players meet head-on for four quarters of offense and defense. Each player can kick, pass or run his way to victory. Choose "normal" or "pro" speeds. Action sound. Requires four "AA" batteries. **60-2156** **29.95**

Electronic Football II

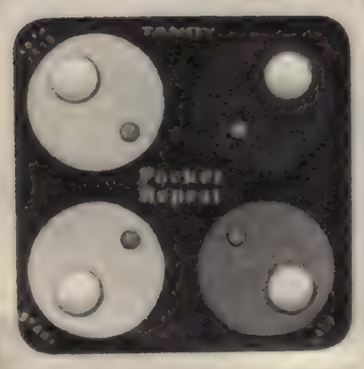
19.95

NEW FOR '83

- ***"Real" Football Action***
- ***Exciting Sound Effects***
- ***Running or Passing Game***
- ***Two Skill Levels***

For "armchair quarterbacks" of all ages. You call the plays—run, pass, kick and more. LED "players," score/status display and four-direction controls. Four quarters of action and sound for one or two players. "College" and "pro" levels. Requires 9V battery.
60-2169 . . . . . **19.95**

Pocket Repeat Game



10.95

Beat the Computer at Its Own Game—Play Back Colors and Sounds in Same Sequence!

Computerized fun that goes anywhere! Play two different games in a "mini" size that fits pocket or purse. Requires 9V battery.
60-2152 . . . . . **10.95**

Electronic Sports Arena

NEW LOW PRICE

14.95

Was $19.95 In 1982 Catalog

Three Exciting Games in One!

Play ice hockey, basketball or soccer! Just insert one of the "playing field" faceplates to begin. LED "players" and display. Action sound. Requires 9V battery. **60-2158** **14.95**

Tandy-12 Electronic Computerized Arcade

NEW LOW PRICE

19.95

Was $29.95 In 1982 Catalog

12 Games in One!

Play baseball, gamble at casino roulette, fire torpedos to sink enemies, launch missiles to destroy invaders, and lots more! Requires 9V and four "C" batteries.
60-2159 . . . . . **19.95**

Two-Player Electronic Baseball

12.95

Your Variety Of Pitches Will Surprise Opponents!

Pitch slow/fast balls, left/right curves or change-ups. Time your swing by following path of pitched ball. With LED scoreboard and field display. Requires four "AA" batteries.
60-2157 . . . . . **12.95**

Low-Cost Computer Games for Action-Packed Thrills

Exciting Hungry Monster™ Game Races Through a Maze of Fun

- *Game of Challenge—Gobble or Be Gobbled in a Non-Stop Action Chase!*
- *Full-Color Display and Action Sound*

39.95

NEW FOR '83

It's your Hungry Monster versus the Bogey in this fast-paced maze of action. Use your joystick controller to move Hungry Monster through the maze gobbling up "green food" for points. But beware of the speedy Bogey trying to devour your monster. It's up to you to make a fast get-away or counter-attack snack! Monster must eat "red power food" to make Bogey turn "coward." Earn bonus points when Hungry Monster eats the Bogey. Full-color display panel, exciting action sounds and digital scoreboard. Four-direction control. Requires four "AA" batteries or AC adapter. #270-1551A.

60-2171 . . . . . **39.95**

Hold-Up™ LCD Game Watch

NEW FOR '83

19.95

Rob the Bank Without Getting Caught

Maneuver burglar to prevent tellers from tripping alarm. Bonus points for bagging money. If alarm sounds, cops take you to jail! Action sound. Score and time display. Two skill levels. Batteries included. **60-2173** **19.95**

Electronic Space Shot

19.95

Zero-In on Zig-Zagging Invaders!

Maneuver the attack sight, take aim, and fire! Add up points by destroying enemy space ships. LED screen display and scoreboard. Action sound. Requires 9V battery. **60-2166** **19.95**

Cosmic Fire-Away Game Watch

NEW FOR '83

24.95

Time, Auto-Calendar, Alarm, Plus Two Exciting Games!

Play space war games on your watch! Aim and fire at enemy invaders. Time, month and date display. 24-hour alarm and hourly beeper. Battery included. **60-2174** **24.95**

Cosmic 2000 Fire-Away Alien Attack

Destroy Invaders, Defend Fortresses

39.95

NEW FOR '83

- *"Twin" Aliens Split When Hit*
- *Three Levels of Skill*

Fire your rockets to destroy invaders and UFOs. Manipulate "fire" and "fortress" controls for defense. Two-color fluorescent display. Play with or without action sound. Score display. Requires four "C" batteries or AC adapter. #270-1551A. **60-2170** **39.95**

Cosmic 1000 Fire-Away Missile Invader Action

39.95

Dynamic Sound Effects And Two-Color Fluorescent Display Panel

Your mission: destroy invading alien ships. Out-maneuver "killer beams," then take aim and fire your missiles to zap the invaders and UFOs. Up to 1000 points accumulate on display panel. Three skill levels. Requires four "AA" batteries. **60-2165** **39.95**

Caveman—Exciting, "Dangerous" Prehistoric Adventure Game

Control the Caveman In a Hostile Prehistoric World

NEW FOR '83

39.95

Full-Color Display, Sound Effects and Music

Hours of fun, with two skill levels. You control the caveman—rack up points by stunning the dinosaur with your stone hatchet and stealing its eggs before they hatch. But don't let the pteranodon fly off with your eggs! Excitement mounts as the volcano erupts and your caveman tries to avoid the deadly lava. Requires four "C" batteries or AC adapter #273-1455. **60-2172** **39.95**

USE DEPENDABLE RADIO SHACK BATTERIES FOR YOUR ELECTRONIC GAMES

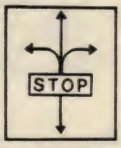
RC Vehicles–Radio Shack Tough and Ready to Roll

Race in the Fast Lane With Sleek Mustangs

19.95 Each

- *Pit 'em Against Each Other for Fast-Paced Action*
- *Fingertip Controls • For Any Smooth Surface*

Drive a winner! These little Mustangs will really fly across the "racetrack". They'll go backward, forward, to the right and to the left. Authentic styling, so it seems like you're "driving" the originals! Each requires three "AA", two 9V batteries. Car lengths, 8″.



A **Mustang.** 27MHz. **60-3077** **19.95**
B **Mustang.** 49MHz. **60-3078** **19.95**

Lamborghini Racer

29.95

Authentic Styling

- *Race the Course!*
- *Fingertip Controls*
- *For Kids of All Ages*

When the green flag drops, GO! Sleek-looking racer goes left and right in forward or reverse. And it has Auto-Stop if you lose control. Requires two 9V and six "AA" batteries. Car length, 9½″.

27 MHz. **60-3043** **29.95**

Corvette Stingray

39.95

- *Fingertip Controls*
- *For Any Smooth Surface*

Same sleek aerodynamic design as the real thing! Stop, start, right and left turn going in forward and reverse. High/low gear switch. Requires two 9V, four "C" batteries. Car length, 12½″.

27 MHz. **60-3079** **39.95**

Powerful Porsche 935 Turbo Racer

69.95

- *Fingertip Control*
- *Authentic Styling*
- *Direct Response*

Dual Speed Control

Get behind the wheel for a race to the finish! Digital proportional steering for direct response to your commands. Goes forward and reverse, turns left/right, stops. Good, clean fun for ages six and up. Requires ten "AA", five "C" batteries. Length, 14″. 27 MHz.

DIGITAL **PRO** PORTIONAL

60-3045 . . . . . **69.95**

Toyota Land Cruiser

59.95

- *Heavy-Duty Construction*
- *Two Speeds*
- *Steering Trim-Control*

Take on just about any terrain with this proportional Land Cruiser. Responds directly and proportionally to the steering and speed controls. Forward, reverse, turns left, right, stops. LED power-on indicator. Requires six "AA", five "C" batteries. Length, 15½″.

DIGITAL **PRO** PORTIONAL

27 MHz. **60-3081** **59.95**

Renault Racer

49.95

- *Fingertip Controls*
- *European Styling*

Le fun! Helmet on. Seat belt secured. You're ready to begin an imaginary race. And in this stylish little racer, you're the sure winner. Digital proportional speed and steering controls. Requires four "C", two 9V batteries. Length, 11″. 27 MHz.

DIGITAL **PRO** PORTIONAL

60-3080 . . . . . **49.95**

USE DEPENDABLE RADIO SHACK ENERCELL® BATTERIES IN ALL YOUR TOYS AND GAMES

Imaginative Radio-Controlled Toys for Young and Old

Famous World War II Sherman Tank

39.95

- ***Authentic Scale Model of the Renowned World War II Tank***
- ***Easy to Control for Hours of Action-Packed Adventure***

Lead your own division into the thick of battle! Attack, evade or retreat by going forward, stop, right or left in rough terrain. Climbs inclines up to 45°. Requires three "C" and two 9V batteries. Length, 13". 27 MHz.

60-3037 ..... **39.95**

Combat Battle Tank For Radio-Controlled Action

NEW FOR '83

24.95

Looks Like the Real Thing

- ***Great Fun Both Indoors and Outdoors***
- ***Versatile Controls for Rugged "Battlefield Adventure"***

A realistic-looking tank for action-packed fun! Accepts forward, stop, right and left commands. Requires two 9V, three "C" batteries. Length, 8½". 27 MHz.

60-3009 ..... **24.95**

High-Speed Corvette Racer

NEW FOR '83

11.95

- ***Race Against the Clock, Run Obstacle Courses***
- ***Runs on Any Smooth Surface—Indoors or Outdoors***

You're in control of this sleek, accurately-styled machine! Forward, reverse/turn control. Requires four "AA ", two 9V batteries. Length, 9¼". 27 MHz.

60-3082 ..... **11.95**

High-Speed, Authentic Porsche K3 Racer

NEW FOR '83

14.95

- ***A Mean Machine That Really Moves***
- ***Race Against the Clock, Run Obstacle Courses***

The green light means GO! Steers with hand-held transmiter. Forward, reverse/turn. Requires two 9V, two "AA" batteries. Length, 9½". 27 MHz.

60-3076 ..... **14.95**

Enjoy Your Own Space Robot

19.95

- ***Inflatable "Metal-Look" Vinyl With Molded Base***
- ***Stands Over Three Feet Tall***
- ***For Ages Six and Up***

He's at your command, and moves forward and turns in reverse at the touch of a button. Motorized base has on-off switch. Runs on most smooth surfaces. An intergalactic buddy! Requires four "C ",two 9V batteries. 27 MHz.

60-3023 ..... **19.95**

Sleek, Fast-Action Lancia Racer

Sonic Controlled

NEW FOR '83 **9.95**

- ***Sound-Signal Trigger Gives Instant Response***
- ***Runs on Any Smooth Surface—Indoors or Out***

Set the pace with this stylish racer! Changes directions with the push of a button. Forward and reverse/turn. Ages four and up. Requires four "AA" batteries. Length, 8½". **60-2382** **9.95**

Great Listening "To Go"—Realistic AM/FM Portables

The Finest High-Performance AM/FM Portable Radio We've Ever Offered

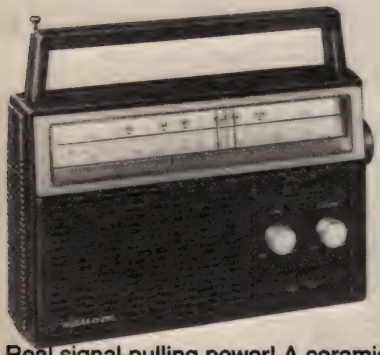
69.95 **Remarkable Sensitivity, Selectivity and Sound**

- ***Tuned RF Amplifiers for Long-Range Reception on AM and FM***
- ***Full One-Watt Audio Power Output for Rich, Clear Sound***
- ***Big 5¼" Speaker • Separate Bass and Treble Controls***

A super radio with advanced circuitry that brings you more stations and amazing sound quality. Separate bass and treble controls let you tailor its response to your preference and the "Loudness" feature enhances sound at low volume levels. AFC (automatic frequency control) locks-in FM stations to prevent drift. Built-in AM and 30-inch telescopic/swivel FM antenna plus terminals for external FM antenna. Includes earphone. Rugged cabinet with fold-down handle, large AC cord storage area. 11⅝ × 12¼ × 4". U.L. listed AC operation or six "D" batteries (not incl.).
12-650 ..... **69.95**

Great AM/FM Portables

Both Feature a Full-Range Four-Inch Speaker, Tone Control, Battery/AC Switch And Switchable FM AFC



Outstanding Value

44.95

Real signal-pulling power! A ceramic filter provides extra selectivity—assures good reception in crowded signal areas. Slide-rule tuning, built-in AM and telescopic FM antennas. 8¼ × 10½ × 3". With earphone. U.L. listed AC operation or four "C" batteries (not incl.).
12-624 ..... **44.95**

With Instant Weather

49.95

Enjoy news, music and updates from the National Weather Service at the touch of a button. Sensitive circuitry with ceramic filter. Built-in AM plus telescopic FM/Weather antennas. 8¼ × 10½ × 3". With earphone. U.L. listed AC operation or four "C" batteries (not incl.).
12-623 ..... **49.95**

Our Most Popular AM/FM

Easy To Carry

29.95

Superb Sound • FM AFC

Stylish, with "high 'n wide" dial, tone switch, AM and telescopic FM antennas. 9¼ × 7¼ × 3". U.L. listed AC operation or six "AA" batteries (not incl.).
12-711 ..... **29.95**

Extra-Feature AM/FM

NEW FOR '83

Rotary Tone Control

34.95

Automatic AC-to-Battery Switching if Power Fails

Priced low yet built to last! FM AFC, AM and telescopic FM antennas, 3-inch speaker. 7¼ × 9¼ × 2⅝". With earphone. U.L. listed AC operation or four "C" batteries (not incl.). **12-668** **34.95**

Long-Range AM

34.95

FET Tuned RF Stage

Hi/Lo Tone Switch

Hear Sports and Other Programs Not Carried by Your Local Stations

Features automatic AC-to-battery switching, 3-inch speaker, jack for external antenna. With earphone. 7⅝ × 9¼ × 3". U.L. listed AC operation or four "C" batteries (not incl.). **12-656** **34.95**

Musical Companions for Kitchen, Patio, Shop, Office

Compact AM/FM Table Radio

39.95

Free-Edge 4-Inch Speaker

The Little Radio That "Thinks" It's a Hi-Fi!

Realistic MTA-8. Features IC (integrated circuit) for superb sound and reliability, ceramic filter to sharpen FM, lighted dial, tone control, built-in antennas, terminals for external FM antenna. Handsome walnut vinyl veneer. 6 × 10 13/16 × 3 15/16". U.L. listed AC operation. **12-689** . . . **39.95**

Deluxe Hi-Fi AM/FM Table Radio

49.95

- ***Tone Control***
- ***Lighted Dial***
- ***Big 6½" Speaker***
- ***Ceramic Filter Sharpens FM***

Realistic MTA-11. The wide-range speaker has a free-edge cone and the enclosure is acoustically sealed for full-bodied sound. Three FM IF stages for extra station-pulling power. Built-in antennas plus terminals for external FM antenna. Rosewood grained vinyl veneer, 8 25/32 × 13 13/32 × 5". U.L. listed AC operation. **12-690** **49.95**

Compact AM Table Radio

16.95

"Long" on Looks, Yet Small in Size!

Realistic Compact AM Radio. Ideal for the garage, utility room—anywhere! Transformerless audio stage coupled with a 3-inch speaker delivers surprisingly good sound. 4 1/4 × 8 5/8 × 3 1/2". Simulated walnut finish. U.L. listed AC operation. **12-679** **16.95**

AM/FM Stereo Portable With Amazing "Stereo-Wide™" Sound Enhancement

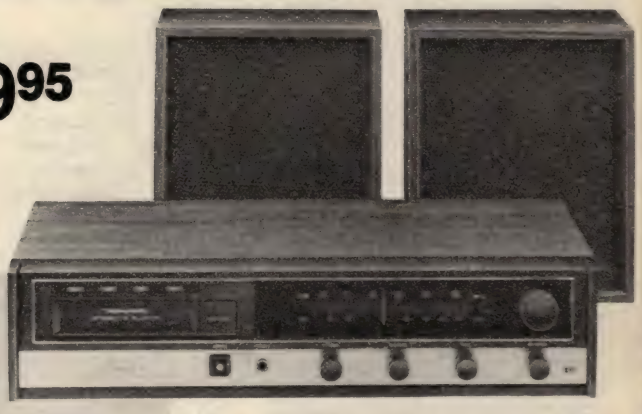
69.95

- ***Stereo-Wide E-x-p-a-n-d-s Depth and Separation***
- ***Automatic AC-to-Battery Switching If Power Fails***

Realistic Concertmate®. Exciting stereo realism in a one-piece portable! Features twin 4-inch speakers, tone control, slide-action balance, AFC for drift-free FM and a loudness switch for improved sound at low volume. LED FM stereo indicator, 1/4" headphone jack. 7 7/8 × 12 7/8 × 3 3/4". U.L. listed AC operation or six "D" batteries (not incl.). **12-708** **69.95**

Complete AM/FM Stereo/8-Track Music System Includes Matching Speakers

119.95



Save $20.90

Add a Changer!

Reg. Separate Items 189.90 **169.00**

Realistic LAB-59 Two Speed Automatic Record Changer and Modulette-8 Stereo Music System

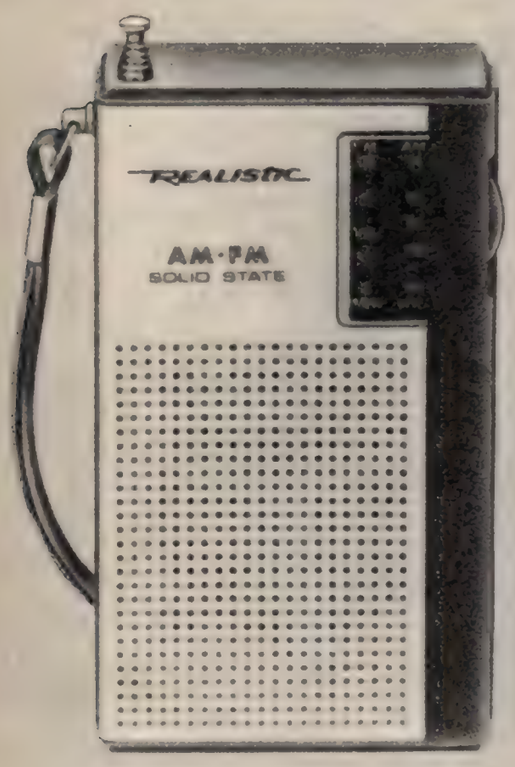
See page 20 for details On LAB-59 Record Changer

An Expandable System At a Low, Low Price!

- ***Aux Input—Add a Record Changer Or Cassette Player Anytime***
- ***Jacks Let You Add Two Extra Speakers for Another Room***
- ***Tone and Balance Controls***

Realistic Modulette-8. Enjoy stereo 8-track tapes, FM stereo or AM. The 8-track player features automatic or manual program change with program indicators. FM stereo indicator, 1/4" headphone jack. Walnut vinyl veneer, 4 3/4 × 18 3/4 × 10 1/2". Speakers, 10 × 8 3/8 × 5 1/8". U.L. listed. **12-1402** **119.95**

Get the Best in AM and AM/FM Pocket Portable Radios



Stylish AM/FM

19.95 NEW FOR '83

- ***Great Sensitivity and High Tone Quality***
- ***Side-Mounted Controls for Easy One-Hand Operation***

Compact, pocketable AM/FM radio. 2½" speaker, telescopic FM, built-in AM antennas. 4¾ × 2⅞ × 1⅝". With wrist strap and earphone for private listening. Requires 9V battery. **12-602** **19.95**

Thin-Design AM/FM Slips Easily Into Shirt Pocket

NEW FOR '83 **17.95**

One-Chip Integrated Circuit Design for Compactness, Economy and Reliability

An advanced IC design makes this ultra-thin AM/FM radio the most "pocketable" of all! The rotary dial is easy to tune with one hand, and you'll get excellent reception. 2¼" speaker telescopic FM and built-in AM antennas. 2¹¹⁄₁₂ × 5⁹⁄₁₆ × 1⅛". With earphone for private listening and a wrist strap. Requires 9V battery. **12-715** **17.95**

Pocket AM/FM On a Budget

16.95 NEW FOR '83

Handy little radio with slide-rule tuning, side-mounted controls, 2½" speaker, built-in AM and telescopic FM antennas in a rugged case. 4¹⁵⁄₁₆ × 3⅛ × 1⅝". With earphone, wrist strap. Requires 9V battery. **12-634** **16.95**

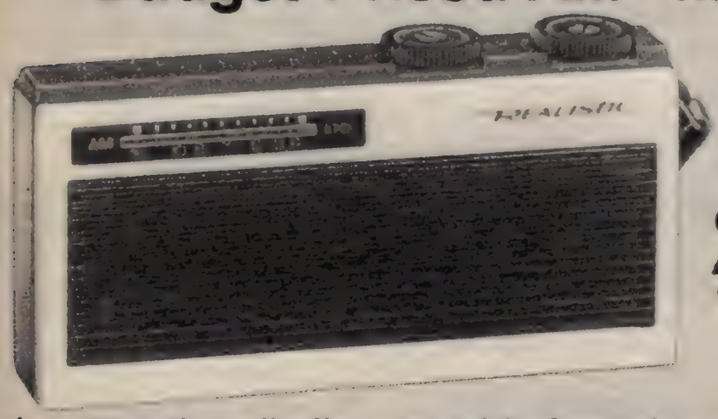
Our Best AM/FM Pocket Portable Radio

- ***High/Low Tone Switch***
- ***AFC Prevents FM Drift***

21.95

Smart looks and great sound in a radio that fits in a coat pocket or purse. Compact and rugged with stylish aluminum trim. Easy slide-rule tuning, 2½" speaker, built-in AM and telescopic FM antennas. 5¼ × 3 × 1½". With earphone and wrist carry-strap. Requires 9V battery. **12-714** **21.95**

Budget-Priced AM "Mini" Size

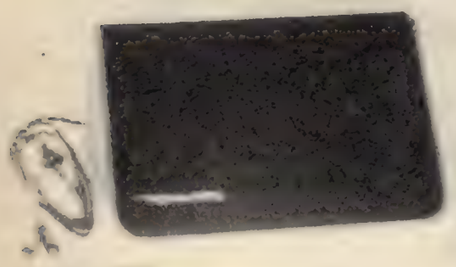


8.95

Our Smallest AM Radio—Only 1⅛" Deep

An attractive slimline portable featuring slide-rule dial with logging scale, top-mounted tuning and on-off/volume controls, handy wrist carry-strap, brushed aluminum trim. 2⅛ × 4½ × 1⅛". Requires 9V battery. **12-171** **8.95**

"Wedge" Extension Speaker



11.95 ***Walnut Finish***

Plugs into earphone jack of portable radios and cassette recorders to give you "big set" sound. Cable with mini, sub-mini plugs. **40-1247** **11.95**

Deluxe AM Pocket Radio

10.95

- ***Slim-Line Design***
- ***Integrated Circuit***

IC design for compact size and reliability, too. Earphone jack, wrist strap. 5⁵⁄₁₆ × 2¾ × 1¹⁄₁₆". Requires 4 "AA" batteries. **12-173** **10.95**

AC Adapter. U.L. listed. **273-1454** **5.95**

Bargain-Priced AM

6.95

Easy One-Hand Tuning

A perfect "extra" portable! Palm-sized, yet excellent sound quality. Rugged molded case. With earphone, wrist strap. 4¼ × 2¾ × 1¼". Requires 9V battery. **12-167** **6.95**

RETAIL PRICES SHOWN IN THIS CATALOG MAY VARY AT INDIVIDAL STORES AND DEALERS

Unique Novelty Radios That Are Somethin' Else

Radio Shack Space Shuttle Radio

NEW FOR '83

11.95

Hidden Volume And Tuning Controls

"Out of this world" AM listening with a detailed reproduction of the Columbia. Hatch release, retractable landing gear. 10½" long. Requires 9V battery. **12-956** **11.95**

Tandy® Football Helmet Radio

11.95

NEW FOR '83

Looks Great on Any Desktop

Hear the big game on this rugged-looking little AM radio! Handy side-mounted volume and tuning controls. 5¼" high. Requires 9V battery.
12-955 . . . . . **11.95**

Biking's More Fun With an Archer Road Patrol® Radio

Handlebar Radio With Horn

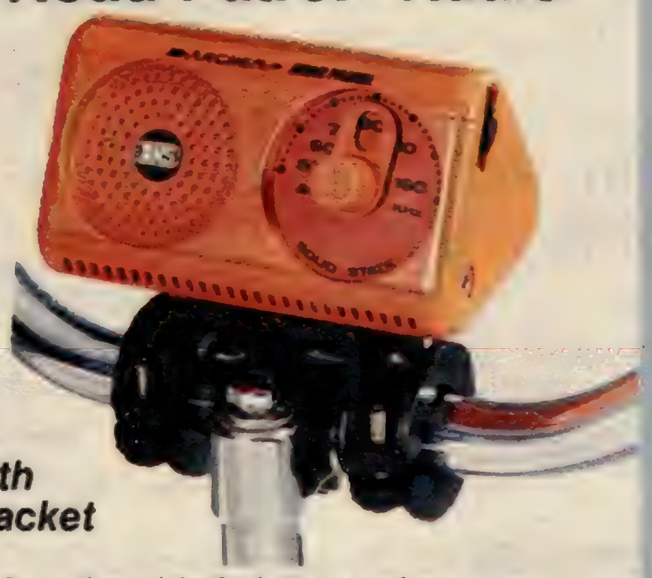
19.95

3" Safety Reflector

Budget Bike Radio

12.95

With Bracket



AM radio removes easily, bracket stays on bike. Pushbutton horn, 2½" speaker. 3½ × 5¼ × 3⅞". Requires three "C" batteries. **12-197** **19.95**

AM radio with 2¼" speaker, earphone jack, weatherized case. 4 × 5 × 3½". Requires 9V battery. **12-196** **12.95**

"Tasteful" Flavoradios®

7.88 Each

Kids are crazy about these pocket-size AM radios. With earphone, wrist strap. 3⅝ × 2¾ × 1½" Require 9V battery. **12-166** **7.88**

Cuddly "Pettable" Portable Radios

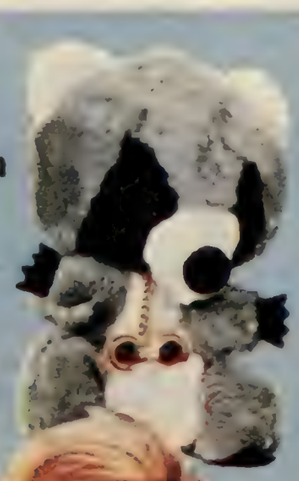
NEW FOR '83 White Terrier

NEW FOR '83 Chow Dog

Low As 12.95

Country Mouse

Cuddly Cat



Raccoon

Pekingese

Furry little friends with AM radios inside and external controls outside. Kids love 'em! Require 9V battery.

Description	Cat. No.	Each	Description	Cat. No.	Each
White Terrier	12-977	13.95	Cuddly Cat	12-983	12.95
Country Mouse	12-975	14.95	Raccoon	12-971	13.95
Chow Dog	12-986	15.95	Pekingese	12-967	13.95

NEW FOR '83

Pepsi® Bottle Radio

10.95

® Trademark Pepsi-Cola Co.

Turn the cap "on" and it pours out AM entertainment. Bottoms up, and you've got the tuning dial. 9½" high. Requires 9V battery.
12-957 . . . . . **10.95**

"Classic" Rolls Royce Radio

19.95

A terrific gift for auto buffs! A beautiful, 10" long replica of the classic 1931 "Phantom II" with an AM radio and antenna hidden inside. The "spare tires" are actually the tuning and volume controls. Bottom-mounted 2" speaker. Requires 9V battery. **12-963** **19.95**

STEREO-MATE™ Personal Receivers Go Anywhere

Our Best! AM/FM With Deluxe Features

NEW FOR '83

49.95

Available October 30, 1982

- *Compact—Slips Easily Into Your Pocket or Wear it on Your Belt*
- *FM Mute Switch Eliminates Noise Between Stations While Tuning*
- *Hi/Lo Tone Switch for Best Sound*

Realistic AM/FM STEREO-MATE. A top-performing companion, with great reception and sound! Dual 1/8" stereo phone jacks let you enjoy your favorite stations with a friend. Features built-in AFC, LED FM stereo and "power-on" indicators, slide-type right and left channel volume controls. 6 x 2 3/4 x 3/4". Includes carrying case and wrist strap. Requires three "AA" batteries and Micro Headphones.
12-113 . . . . . **49.95**

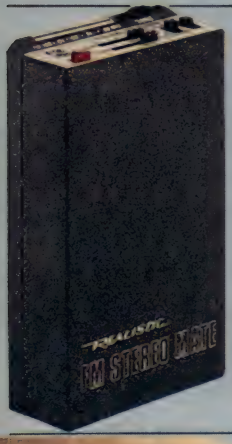
AM/FM With Built-In Belt Clip

NEW FOR '83

39.95

- *Built-In AFC for Drift-Free FM*
- *Balance Control • Slide-Rule Dial*
- *Lightweight, Yet Withstands Strenuous Activities*

Realistic AM/FM STEREO-MATE. Hear superb stereo in privacy! Spring-loaded belt clip gives you carrying ease. Features LED FM stereo indicator, on-off/volume control, 1/8" stereo headphone jack. Only 4 5/8 x 3 x 1 1/8". Includes vinyl carry case with shoulder strap. Requires three "AA" batteries and Micro Headphones.
12-112 . . . . . **39.95**



Super-Mini FM—Our Smallest And Lightest STEREO-MATE

- **Stereo/Mono Switch**
- **Ceramic FM Filter**
- **With Carrying Case**

21.95

NEW FOR '83

Available Oct. 15, 1982

Realistic FM STEREO-MATE. So lightweight you'll hardly realize it's there! Perfect for your shirt pocket or wearing on your belt. Built-in AFC, stereo/mono switch for optimum reception of weak FM stations. 1/8" stereo headphone jack, slide-rule dial, LED stereo indicator. Only 3 7/8 x 2 3/8 x 1". Requires one 9V battery and Micro Headphones. **12-109** **21.95**

Micro-Stereo Headphones

NEW FOR '83

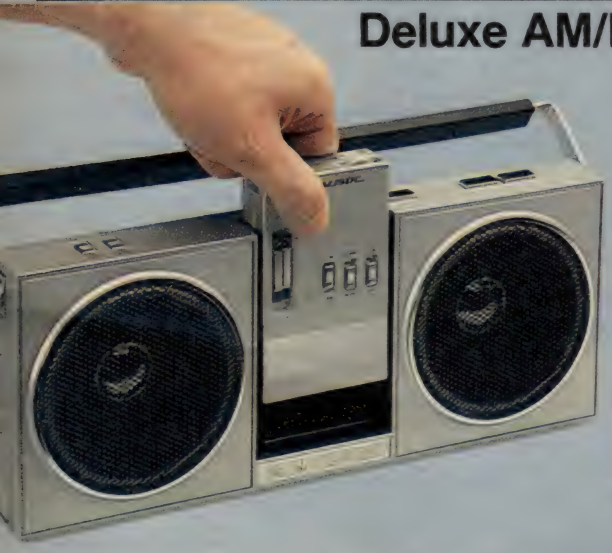
Specially designed for use with STEREO-MATE portable receivers! Full-range stereo sound, yet comfortable and lightweight. See page 53 for details.

A **Realistic Nova®-35.** Less than three oz. 5-foot cord, 1/8" plug. **33-1035** **14.95**

B **Realistic Nova-52.** Folds for compact storage. 6 1/2-foot cord, 1/8" plug. **33-979** **21.95**

Music to Your Ears!

Deluxe AM/FM System for Home or Portable Use



NEW FOR '83

69.95

The System That's Ready For Anything—Relaxing, Running or Recreation!

- *Two Built-In 4" Wide-Range Stereo Speakers*
- *Removable AM/FM STEREO-MATE Pocket Receiver*
- *60-Minute "Sleep" Switch With Auto-Shutoff*

Realistic AM/FM STEREO-MATE System. Incredibly versatile—listen at home through the built-in speakers, or pop out the pocket receiver and enjoy stereo on-the-go with headphones (not included). There's even an aux jack for adding a cassette deck! Features 1/8" headphone jack, separate bass and treble controls, LED FM stereo indicator, receiver eject button, telescopic antenna, stereo/mono switch. Entire system only 5 3/8" 12 7/8 x 2". Receiver, 4 7/8 x 2 3/4 x 1". With carry case for pocket receiver. Amplifier, with built-in speakers, requires four "C" batteries or optional AC or DC adapter. Removable Pocket Receiver requires three "AAA" batteries. **12-707** **69.95**

DC Adapter. 14-844 . . . . . **6.95**

AC Adapter. U.L. Listed. **273-1454** **5.95**

Realistic Portables—Famous for Quality and Value

Digital AM/FM LCD Travel Clock Radio

49.95

- ***Top-Mounted Snooze and Display Light Pushbutton***
- ***Hour/Minute Pushbuttons for Quick Time and Alarm Settings***

Chronomatic®-228. Compact size, sleek styling and great features make it a handy companion on trips! Wakes you to "beep"/radio alarm. Accurate quartz clock has easy-to-read 3/8" display with LCD AM/PM indicator. Ceramic filter for clean reception, large rotary tuning control, 24-hour alarm, LED power indicator, 2 1/2" speaker, telescopic antenna. Slide-switch AM/FM, time set/run and alarm set/run selectors. Only 2 3/4 x 6 5/8 x 1 5/8". Requires four "AA" batteries. **12-1535** **49.95**

Digital AM/FM LCD Portable Clock Radio

59.95

- ***Pushbutton Snooze Function***
- ***Display Light***
- ***Telescopic Swivel Antenna***

Chronomatic-216. Handsome silvery finish accents this go-anywhere radio. Press "sleep" function and radio will automatically shut off as you doze. Features pushbutton time-set, alarm-set, hour, minute, slide-switch AM/FM and rotary volume and tone controls. Easy-carry handle, 3" speaker, earphone jack. 6 x 9 1/2 x 2 1/2". U.L. listed AC operation or four "C" batteries and one "AA" battery (not incl.). **12-1525** **59.95**

"Take-Along" Headphone Radios for Private Listening Pleasure

NEW FOR '83

AM
17.95

Hear Music, Sports Weather and News

AM/FM
29.95

NEW FOR '83

AM/FM Stereo
39.95

Available October 30, 1982

Enjoy Great Stereo While You Relax, Exercise or Work!

Tandy® AM Headset. Now you can enjoy AM listening wherever you go—perfect for jogging, yardwork, or hearing the "play-by-play" at the game! Features twin speakers, side-mounted rotary volume and tuning controls, built-in antenna. Lightweight and comfortable, with adjustable headband. Requires 9V battery. **12-187** **17.95**

Tandy AM/FM Headset. A great little entertainer! Lightweight for comfort, and the padded earcushions seal out the noise, seal in the music. Rich dual-speaker sound, side-mounted rotary tuning, on/off and volume controls. Antenna is hidden in adjustable headband. Requires 9V battery. **12-186** **29.95**

Tandy AM/FM STEREO-MATE Headset. "Hands-free" listening! Hear your favorite AM and FM stations—in stereo—at home or on-the-go. Features side-mounted rotary volume, balance and tuning controls, AM/FM/MPX slide-switch. Lightweight, adjustable headband, built-in antenna. Requires three "AAA" batteries. **12-188** **39.95**

Choose From 10 AM/FM Digital Clock Radios

Available Nov. 15, 1982

Our Best! With Cassette Recorder/Player

79.95 NEW FOR '83

- *Record From Built-In Mike or Off-the-Air*
- *Battery Backup and Battery Sentinel™*

Chronosette™-235. Our most versatile "waker-upper" lets you start the day with FM, AM, your favorite cassettes, or a buzzer alarm! Full-function cassette features built-in condenser microphone and Auto-Level for easy recording, LED record indicator, pause control, end-of-tape Auto-Stop. Clock has 0.6" LED time display with high/low brightness switch and PM and Wake indicators, top-mounted sleep and snooze controls for radio and tape, LED Battery Sentinel indicator. Lighted slide-rule tuning dial, 3" speaker, earphone jack for private listening, side-mounted rotary tuning and volume controls. 3¼ × 11¾ × 6⅞". U.L. listed.
12-1538 . . . . . **79.95**

Wake Up to This Feature-Packed Beauty

42.95 NEW FOR '83

- *Hi/Lo LED Dimmer Switch • Lighted Dial*
- *Battery Backup and Battery Sentinel*

Chronomatic®-233. The most popular features in a very compact size! Wakes you to radio or buzzer alarm. Minute/hour time-set, sleep and snooze controls, PM/Wake indicators, 3" speaker, side-mounted tuning and volume controls, earphone jack. AFC and ceramic filter for superior FM. 2½ × 9¼ × 5½". U.L. listed.
12-1540 . . . . . **42.95**

Available Oct. 15, 1982

Priced Right for Any Budget

39.95 NEW FOR '83

- *Compact Size Fits Any Table or Shelf*
- *Battery Backup and Battery Sentinel*

Chronomatic-234. Rise 'n shine to your favorite radio station! Clock features high/low LED display dimmer, PM/Wake indicators, 59-minute sleep control, plus hour/minute time-set. Radio has 3" speaker, AFC to prevent FM drift, ceramic filter to cut FM interference, earphone jack. 2½ × 8⅝ × 5". U.L. listed.
12-1541 . . . . . **39.95**

Space-Saving AM/FM Digital

NEW LOW PRICE! **34.95**

Was 36.95 in 1982 Catalog

Only 2¾ × 5¾ × 4⅞"

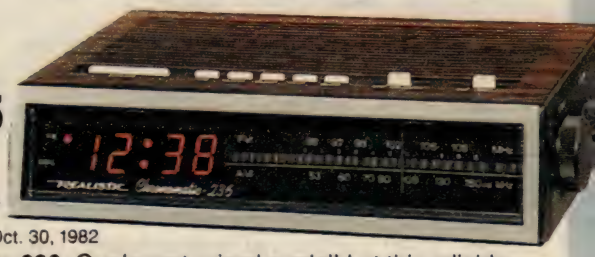
Chronomatic-224. Looks like an alarm clock, but it's also a uniquely-shaped radio. Features sleep and snooze functions, fast and slow time-set, LED PM and Wake indicators. Radio has 2¼" speaker and an IC (integrated circuit) with ceramic filter. U.L. listed. **12-1531** **34.95**

Our Lowest Priced!

NEW FOR '83

29.95

Big 0.6" LED Display



Available Oct. 30, 1982

Chronomatic-236. Our lowest-priced model! Let this reliable bedside companion wake you to radio or "beep" alarm. Has snooze button, fast/slow time-set. Radio features 3" speaker, IC circuitry, FM ceramic filter. 2½ × 8⅝ × 5". U.L. listed.
12-1542 . . . . . **29.95**

Only Radio Shack Has Battery Backup/Battery Sentinel

Front-panel red LED warns you if battery is weak or not installed.

9V battery protects time function (without display) up to 8 hours, alarm for 10 minutes, in case of power failure.

Available Oct. 15, 1982

Great-Sounding Stereo LED Digital

- *Stereo-Wide™ Circuit Adds Realism*
- *Twin Side-Mounted 3-Inch Speakers*

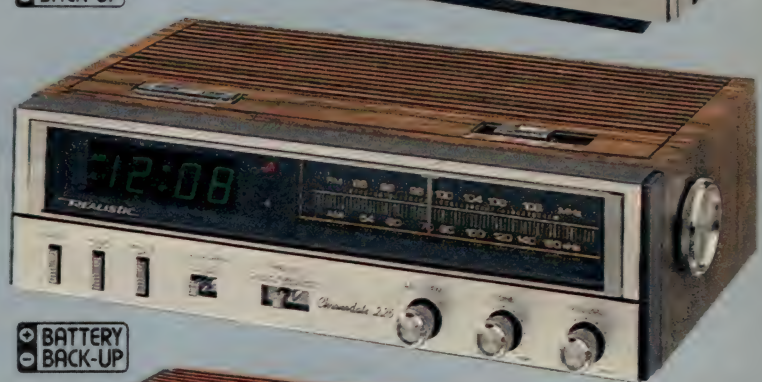
NEW FOR '83 **69.95**

Chronomatic-225. Start the morning with your choice of FM stereo music, AM news, or buzzer alarm! When you turn off the alarm/music after waking, the unique "Alarm-Off" feature automatically resets alarm for the next day. Clock has high/low display dimmer, sleep and snooze controls, hour/minute time-set, LED PM and Wake indicators. Radio features lighted slide-rule tuning dial, high/low tone switch, balance control, LED stereo indicator, 1/4" stereo headphone jack, FM-AFC, terminals for external FM antenna. 4 x 12 3/4 x 6 1/2". U.L. listed. **12-1532** **69.95**

Dual-Alarm Digital With Calendar

- *Separate "His 'n Hers" Wake-Up Times*
- *Fluorescent Display With Hi/Lo Dimmer*

NEW FOR '83 **59.95**

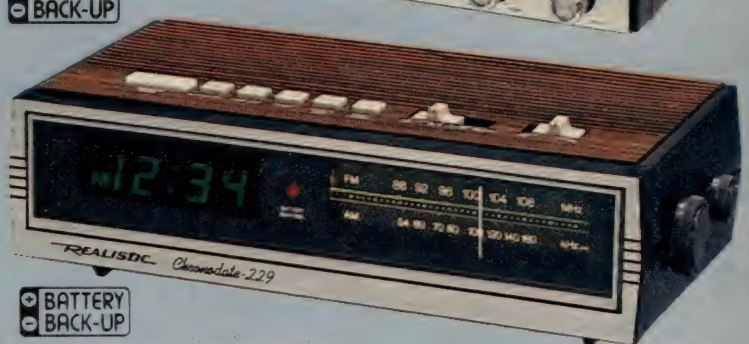


Chronodate®-226. Not one, but *two* alarm times—wake to music, beeper alarm or both! Displays time with seconds, or month and date. Clock has snooze and sleep controls. Radio features 3 1/2" speaker, lighted tuning dial, AFC and ceramic filter on FM, earphone jack, terminals for external FM antenna. 3 1/2 x 11 3/4 x 5 7/8". U.L. listed. **12-1533** **59.95**

Full-Feature Calendar/Clock Radio

- *Shows Time or Month and Date*
- *Fluorescent Display With Hi/Lo Dimmer*

49.95



Chronodate-229. Dual-purpose push bar shows month/date display, or allows a few extra minutes snooze time. The 59-minute sleep control lets you doze off to music with auto-shutoff. Display features AM/PM and Wake indicators. Radio has 3" speaker, lighted slide-rule tuning dial and earphone jack. 3 x 10 1/4 x 5 1/2". U.L. listed. **12-1536** **49.95**

Slim Styling and Most-Wanted Features

44.95

Chronomatic-227. Battery Backup makes sure you wake on time—even if power fails during the night! Snooze and sleep controls, bright/dim display switch, AM/Wake indicators. Radio has 3" speaker, lighted dial, ceramic filter and earphone jack. 2 1/2 x 9 1/2 x 5 1/2". U.L. listed. **12-1534** **44.95**

NEW FOR '83 LED Digital With Extra-Large Display

49.95

Chronomatic-230. Big 0.9" display with dimmer is easy to see day or night! Wakes you to radio or buzzer. Snooze and 59-minute sleep controls. Radio has 3" speaker, AFC and ceramic filter on FM, lighted slide-rule dial, earphone jack. 3 x 10 1/4 x 5 1/2". U.L. listed. **12-1537** **49.95**

USE ENERCELL EXTRA-LIFE 9V BATTERY #23-583 (NOT INCLUDED) FOR BEST BATTERY BACKUP/SENTINEL RESULTS

Let Radio Shack Expand Your Listening Horizons!

Enjoy AM, FM and TV Sound —Including UHF Channels 14 to 83

Available Nov. 15. 1982 NEW FOR '83 **79.95**

Hear All of Your Favorite TV Programs, Sports, Soap Operas and More—On All Channels 2 to 83

Realistic PortaVision®-55 With UHF-TV. Finest TV sound portable we've ever offered! Features a wide slide-rule dial for AM, FM, TV-1 (channels 2 to 6) and TV-2 (channels 7 to 13). The easy-to-operate tuner for UHF channels 14 to 83 has 70 "click-stop" positions and fine-tuning. Sensitive circuitry for outstanding reception, tone control, rich-sounding 3½-inch speaker, rugged case with fold-down handle. 7¼ × 11½ × 3½". With earphone. U.L. listed AC operation or six "D" batteries (not incl.) **12-778** **79.95**

PortaVision® TV Sound On-the-Go

NEW FOR '83

Pocket PortaVision®

Available Oct. 15, 1982

Slide-Rule Dial For Easy Tuning **29.95**

Enjoy AM/FM or VHF-TV sound (channels 2-13) with this compact four-bander. Ceramic filter cuts interference on FM/TV. With earphone, carry strap. 6 × 3½ × 1¾". Requires 9V battery or AC adapter.
12-613 ..... **29.95**
AC Adapter. U.L. listed. **273-1455** ... **6.95**

TV Sound, Police/Aviation And AM/FM

59.95 NEW FOR '83 Available Oct. 15, 1982

Realistic PortaVision-5. Local police, fire, weather, aircraft, VHF-TV, AM, FM! Squelch control—you hear messages, not noise, on air/police band. Tone control, jacks for headphone (¼"), ext. FM/VHF antenna. 9 × 11 × 3¼". U.L. listed AC operation or four "C" batteries (not incl.) **12-768** **59.95**

5 BANDS: AM, FM, TV-1 (Ch. 2-6), TV-2 (Ch. 7-13), 108-174 MHz VHF-HI/Air.

AM/FM Plus VHF-TV Sound

Automatic AC to Battery Switching **44.95**

Realistic Personal PortaVision. Rugged four-band portable with 3-inch speaker. Ceramic filter, RF amplifier and telescopic antenna for great TV/FM reception. With earphone. 7⅞ × 10 × 3½". U.L. listed AC operation or four "C" batteries (not incl.). **12-660** **44.95**

You Can Listen to the World With These Feature-Packed Portables

Ideal for Foreign Students and Visitors to the USA!

Six Bands! AM, FM, VHF-Air Plus 3 Shortwave

69.95

Shortwave Bands:
3-6.5 MHz • 6.5-13 MHz
13-26 MHz
Aviation Band: 108-136 MHz

- ***Fine-Tuning on All Bands***
- ***Automatic AC-to-Battery Switching if Power Fails***

Realistic DX-66. Hear interesting broadcasts from around the globe, local airports and planes, AM/FM. Extra-wide dial with band indicator, AFC for drift-free FM reception, telescopic FM/VHF/SW antenna, jacks for headphone (¼"), external FM/SW/VHF antenna. 10¼ × 12 × 4". U.L. listed AC operation or four "C" batteries (not incl.). **12-767** **69.95**

AM and FM Plus Three Worldwide Shortwave Bands

49.95

Shortwave Bands:
3-6.5 MHz • 6.5-13 MHz
13-26 MHz

- ***AM/SW Fine-Tuning***
- ***Automatic AC-to-Battery Switching If Power Fails***

Realistic DX-55. Hear news and music from around the world, plus AM and FM. Pushbutton band selectors, slide-action volume and tone, AFC for drift-free FM reception, telescoping FM/SW antenna, jack for external FM/SW antenna. With earphone. 7⅛ × 12 × 3½". U.L. listed AC operation or four "C" batteries (not incl.).
12-777 ..... **49.95**

Multi-band Portables for Special-Interest Listening

Monitor the Local Action! Police, Air, CB, AM/FM

99.95 • *Dual Antennas* • *Dial Light* • *All-Band Fine-Tuning*

Realistic Patrolman® CB-60. Listen to all 40 CB channels, all three police bands, fire, weather service, aviation, more. Big 4-inch speaker, auto AC-to-battery switching, squelch control, jacks for headphone (¼") and ext. FM/VHF antenna. 10½ × 12 × 4". U.L. listed AC operation or four "C" batteries (not incl.).
12-766 . . . . . **99.95**

6 BANDS: AM, FM, CB, 30-50 MHz VHF-Lo, 108-174 MHz VHF-Aviation/Hi, 450-512 MHz UHF

AM/FM Plus VHF-Hi/Air

41.95

- *3-Inch Speaker*
- *Earphone Included*
- *VHF Squelch Control*
- *Auto AC-to-Battery Switching*

Patrolman-33. Police, fire, aviation, trains, weather, AM/FM. Built-in AM and telescopic FM/VHF antennas. 7⅞ × 10 × 3½". U.L. listed AC operation or four "C" batteries (not incl.). **12-661** **41.95**

3 BANDS: AM, FM, 108-174 MHz VHF-Aviation/Hi

Police, Aircraft, AM/FM

69.95 NEW FOR '83

- *Squelch Control—You Hear Messages, Not Noise, on VHF/UHF Bands*
- *Tone Control* • *¼"Headphone Jack*

Realistic Patrolman-50. Tune in all three police/fire/public service bands, weather service, airports and planes, AM and FM. 3½-inch speaker, built-in AM and UHF antennas, jack for ext. FM/VHF antenna. 9 × 11 × 3¼". U.L. listed AC operation or four "C" batteries (not incl.)
12-769 . . . . . **69.95**

5 BANDS: AM, FM, 30-50 MHz VHF-Lo, 108-174 MHz VHF-Aviation/Hi, 450-512 MHz UHF

Available Oct. 15, 1982

Pocketable AM Plus VHF-Aircraft

NEW FOR '83

19.95

Hear Planes & Towers Talk

Jetstream®. This rugged portable tunes 108-135 MHz aviation band and standard AM. Built-in AM and telescopic VHF antennas. With earphone, carry strap. 4¾ × 2⅞ × 1⅝". Requires 9V battery. **12-601** **19.95**

A Low-Cost Introduction to the Exciting World of Shortwave Listening

Operates on House Current Or 12 Volts DC **99.95**

- *Variable BFO Control Lets You Listen to Single-Sideband and Code Communications*
- *Fine-Tuning Control* • *Large Lighted Dial*

Signal Strength Meter • *¼" Headphone Jack*

Realistic DX-100. Our easy-to-operate four-band radio puts the globe at your fingertips! Hear the BBC, Radio Japan, Voice of America, Radio Moscow and dozens of other international stations, "Hams," CB, marine communications, WWV time signals and more. RF amplifier boosts weak stations. Automatic noise limiter and ceramic IF filter reduce interference. 5¾ × 12 × 8". U.L. listed AC operation or 12VDC. **20-206** **99.95**

4 BANDS: 520-1620 kHz Std. AM, 1.55-4.5 MHz, 4.5-13 MHz and 13-30 MHz SW

Complete SW Antenna Kit

8.49

75-ft. copper wire, insulators, lead-in, standoffs, window feed-thru.
278-758 . . . . . **8.49**

Mono Headset

NEW LOW PRICE!

7.95

Was $9.95 In 1982 Catalog

Adjustable headband, padded earcushions. 4-16 ohms, ¼" plug.
20-200 . . . . . **7.95**

Mono 'Phones

NEW FOR '83

9.95

Adjustable headband, foam ear cushions. ¼" plug, 4-16 ohms.
20-210 . . . . . **9.95**

Morse Code Hand Key

5.95

Fully Adjustable

Adjustable tension and contact spacing. Ball bearing pivots.
20-1084 . . . . . **5.95**

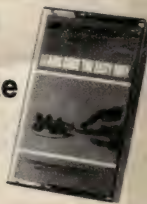
Code Practice Module

2.79

Prewired—just add key, earphone or speaker, 1½-volt battery.
20-1155 . . . . . **2.79**

Morse Code Cassette

5.75



With Manual

Learn code with 12 self-paced lessons, 1 to 15 words per minute.
20-026 . . . . . **5.75**

Now Get Instant Weather Information 24-Hours-a-Day

Continuous National Weather Service forecasts, storm warnings and travelers advisories are broadcast on 162.40, 162.475 or 162.55 MHz VHF in over 350 cities nationwide. No commercials—no interruptions. Visit Radio Shack for details.

Crystal Controlled Pocket Weatheradio®

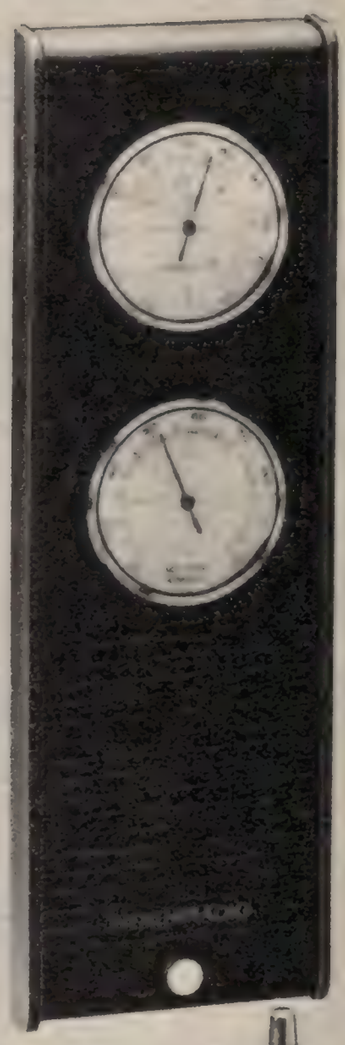
19.95 NEW FOR '83

At last—a high-performance Weatheradio that fits your shirt pocket—only 1" thin! Hear weather stations from up to 50 miles away. Crystal controlled for no drifting or tuning. RF amplifier for better sensitivity. 1½" speaker. Carry strap. Telescoping antenna. Requires 9V battery. 4¼ x 2¾ x 1". **12-151** **19.95**

Weatheradio Wall Mount Deluxe Weather Station

NEW FOR '83 **29.95**

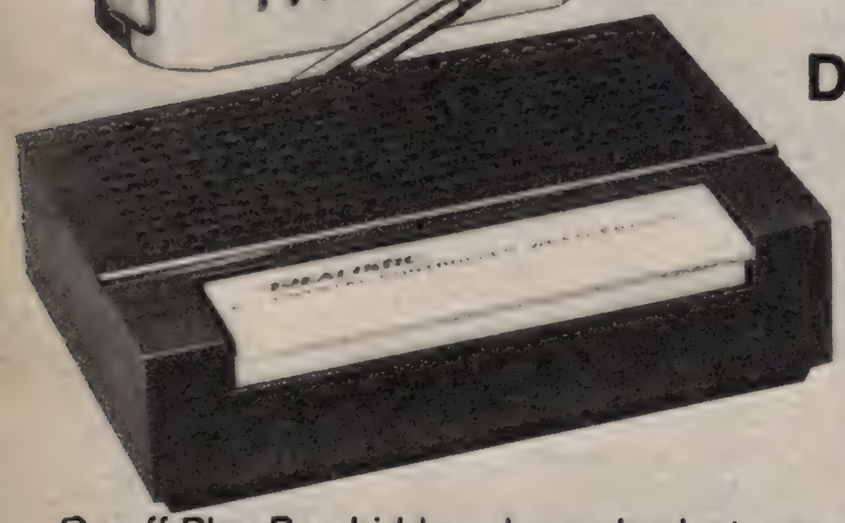
Great addition to your den, living room or study. Decorative as well as functional, with an accurate thermometer to show current room temperature, a hygrometer that indicates relative humidity plus a crystal controlled Weatheradio with RF amplifier that pulls in National Weather Service stations from up to 50 miles away. Wood grain finish case with hole for wall mounting, 13½ x 4⅜ x 1¼". Requires 9V battery. **12-150** **29.95**



Deluxe Low-Profile Desktop Weatheradio

24.95

Sensitive RF Amplifier—Receives Up to 50 Miles



On-off Play-Bar, hidden channel selector and volume control, 2¼" speaker, telescoping antenna. Crystal controlled—no drift. Simulated rosewood. 1½ x 5¼ x 3½". Requires 9V battery. **12-152** **24.95**

AC Adapter. U.L. listed. **273-1431** **4.95**

The Original Weatheradio

Stylish 3" Cube **17.95**

Preset the hidden controls, then tap the Play-Bar for instant weather. Receives up to 25 miles. Requires 9V battery. **12-181** **17.95**

Instant Weatheradios With "Alarm Tone" Alert Warning Systems

Now you can get advance warning of dangerous weather and road conditions 24-hours a day in over 350 cities nationwide from a radio so good its circuit has been awarded U.S. Pat. No. 4158148. When weather threatens, a signal from the National Weather Service triggers a built-in alarm. Then you just press the Weather Button for details on conditions, location and precautions to take.

Weatheradio Alert II

39.95 • ***Crystal Control—No Drift*** • ***Battery Backup***

Our finest! Brings in weather stations up to 50 miles away. LED "standby" indicator, alarm test button. 1¾ x 6⅞ x 5". U.L. listed AC operation or 9V battery (not incl.) backup in case of power failure. **12-154** **39.95**

Handy Pocket Weatheradio Alert

32.95

- ***Handy for Travelers Pilots, Outdoorsmen***
- ***Crystal Controlled***

Receives up to 35 miles or more! Weather/"standby" selector. Requires 9V battery or AC adapter. 4¾ x 3¼ x 1¼".
12-161 ..... **32.95**
AC Adapter. U.L. listed. **270-1551** .. **9.95**
12VDC Adapter. 270-1561 ..... **8.95**

Weatheradio Alert With LED Clock

49.95 • ***Crystal Controlled*** • ***With Battery Backup***

Receives up to 35 miles. LED "standby" indicator, alarm test button. Clock has alarm, snooze, hi/lo dimmer. 1¼ x 4⅝ x 5⁷/₁₀". U.L. listed AC operation with 9V battery (not incl.) backup for "alert" function.
12-153 ..... **49.95**

WEATHERADIO IS A REGISTERED TRADEMARK OF RADIO SHACK

Hear the News as it Happens With Realistic® Scanners

8-Channel Table Scanner for Exciting Listening at Home

NEW FOR '83

129.95

FIVE BANDS!
VHF-HI/LO
VHF-HAM
UHF-HI/LO

U.S. Pat. Nos. 3,794,925 and 3,895,303

Hear Police, Fire, Railway, Mobile Telephones, Weather and More!

Realistic PRO-54. Automatically locks in on active channels, then resumes scan when conversation ends. Two-second scan delay prevents missing return calls. Individual channel-lockout switches temporarily bypass unwanted channels. Squelch control, LED channel indicators, headphone jack, telescoping antenna, external antenna jack. Requires up to eight crystals (see below). U.L. listed. **20-123** **129.95**

Frequency Coverage: VHF-Lo 30-50 MHz; VHF-Ham 144-148 MHz; VHF-Hi 148-174 MHz; UHF-Lo 450-470 MHz; UHF-Hi 470-512 MHz. **Sensitivity (for 20 dB quieting):** Better than 1 microvolt. **Selectivity:** ±9 kHz, −6 dB; ±15 kHz, −50 dB. **Scanning Speed:** 10 channels per second. **IF Filters:** Crystal, (10.7 MHz); Ceramic, (455 kHz). **Size:** 2⅞ × 9½ × 7½". **Power Requirement:** 120 VAC, 60 Hz.

6-Band, 10-Channel Scanner Lets You Listen In on All the Action From Your Home or Car*

169.95

- *Automatic AM Switching for Aircraft*
- *ANL on AM*
- *Dual Conversion*
- *AFC on UHF*

U.S. Patent No. 3,794,925

Realistic PRO-48. Scans up to 10 crystal-controlled channels including aircraft (AM). Automatically locks on to any active channel. Two-second scan delay, individual channel lockout switches. Automatic or manual channel selection. Crystal and ceramic filters help clean up reception. Built-in speaker, jacks for external speaker, headphone, external antenna. Requires up to 10 crystals (below). U.L. listed. **20-143** **169.95**

Crystals. Specify frequency . . . . . **Each 4.95**

Frequency Coverage: VHF-Lo, 30-50 MHz; Aircraft, 108-136 MHz (AM); VHF-Ham, 144-148 MHz; VHF-Hi, 148-174 MHz; UHF-Lo, 450-470 MHz; UHF-Hi, 470-512 MHz. **Sensitivity (for 20 dB quieting):** VHF-Lo, 0.8 microvolt; Aircraft, VHF-Hi, UHF, 1 microvolt. **Audio Output:** 1.5 watts. **Size:** 2⅝ × 7½ × 9⅞". **Power Requirement:** 120VAC or 12VDC neg. gnd.

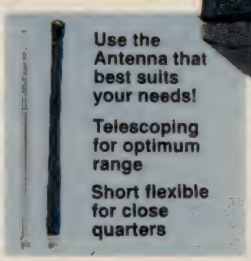
Portable* Scanners Keep You In Touch With The Action

Ⓐ **VHF-Hi/Lo/UHF VHF Air (AM)**
149.95

Ⓑ **VHF-Hi/Lo**
99.95
NEW LOW PRICE
Were $129.95 in 1982 Catalog

Ⓒ **VHF-Hi/UHF**
99.95

Two Antennas Included



Use the Antenna that best suits your needs!

Telescoping for optimum range

Short flexible for close quarters

Above Models Covered by One or Both U.S. Pat. Nos. 3,794,925 and 3,895,303

Ⓐ **Realistic PRO-22.** Keep on top of the action! Automatically scans up to six channels on 30-50 MHz VHF-Lo, 118-136 MHz AM VHF Aircraft, 144-174 MHz VHF-Hi, 450-470 MHz UHF-Lo and 470-512 MHz UHF-Hi. Scan-delay catches call responses, channel lockouts temporarily bypass unwanted channels. Squelch control, built-in speaker, earphone jack. Requires 4 "AA" batteries. Optional AC/DC adapters, battery charger (below). Includes earphone, belt clip. 7½ × 3⅜ × 1½". Requires up to 6 crystals (below). **20-103** **149.95**

Ⓑ **Realistic PRO-20A.** As above, but four channels, 30-50 MHz VHF-Lo, 144-174 MHz VHF-Hi. **20-101** **99.95**

Ⓒ **Realistic PRO-21A.** As above, but four channels, 144-174 MHz VHF-Hi, 450-470 MHz UHF-Lo, 470-512 MHz UHF-Hi. **20-102** **99.95**

Crystals. Specify frequency . . . . . **Each 4.98**

120VAC AC Adapter/Charger. U.L. listed. **20-189** **6.95**

External Antenna Adapter. 20-020 . . . . . **2.95**

12VDC Adapter. Fits lighter socket. **270-1561** **8.95**

*MOBILE USE OF SCANNERS IN SOME AREAS MAY BE UNLAWFUL OR REQUIRE A PERMIT—CHECK WITH LOCAL AUTHORITIES

Price Breakthrough! 8-Channel Programmable Scanner

NEW FOR '83

239.95

Listen to All the Up-to-the-Minute Action from Your Living Room!

No Crystals Needed! Keyboard Access to 18,160 VHF and UHF Frequencies!

U.S. Pat. Nos. 3,794,925, 3,801,914 and 4,245,348

Realistic PRO-2009. High performance and great styling at a low price! You'll hear police, fire, mobile telephones, Amtrak, freight trains, Hams, NOAA weather and more—just enter the frequencies you want on the calculator-type keyboard. Big fluorescent display shows the channels and frequencies being scanned, monitored continuously or programmed, and also shows channel status. Search feature combs the bands for new or unpublicized channels. DELAY circuit holds channels two seconds to prevent missed replies, LOCK OUT key temporarily bypasses unwanted channels. Press MAN key for full-time monitoring of a single channel. PLL circuitry with auto-tune front-end assures peak sensitivity on all bands. Variable squelch control lets you hear only the messages, not the noise, and the crystal and ceramic filters cut noise and signal interference. Band Coverage: VHF-Lo 30-50 MHz; Ham 144-148 MHz; VHF-Hi 148-174 MHz; Ham/Government 410-450 MHz; UHF-Lo 450-470 MHz; UHF-Hi ("T") 470-512 MHz. With ¼" headphone jack, detachable whip antenna, external antenna jack. Built-in 9V battery (not incl.) backup saves frequencies in memory if AC fails or unit is unplugged. U.L. listed AC operation. 2¾ × 10½ × 8". **20-109** **239.95**

20-Channel Programmable Scanner for Home or Car*

299.95

• No Crystals to Buy • Keyboard Entry of 20,480 Channels • Covers 30-50, 138-148 and 148-174 MHz VHF, Aircraft 108-136 MHz (AM), 410-470 and 470-512 MHz UHF

U.S. Pat. Nos. 3,794,925, 3,801,914 and 4,245,348

Realistic PRO-2020. Hear police, fire, railway, aircraft, Hams, weather and more! Simply enter the frequencies you want to hear, or the lower and upper limits you want to "search" with the digital keyboard. Two scan speeds, scan-delay to avoid missing call-backs, individual channel lockouts. Zeromatic® circuitry for precise signal tuning. Scan automatically or manually—the frequency you're listening to, or entering into the memory, is displayed on a fluorescent readout. Priority feature lets you monitor Channel 1 while scanning other frequencies. Built-in 9V battery (not incl.) backup maintains memory if AC fails or scanner is unplugged. Built-in speaker plus jacks for headphones, external speaker, antenna and tape recorder. With mobile* mounting bracket, manual, power cords. U.L. listed AC operation or 12VDC neg. gnd. 2⅝ × 7½ × 9⅞". **20-112** **299.95**

***MOBILE USE OF SCANNERS MAY BE UNLAWFUL OR REQUIRE A PERMIT—CHECK WITH LOCAL AUTHORITIES**

Our Best! 50-Channel Programmable Scanner

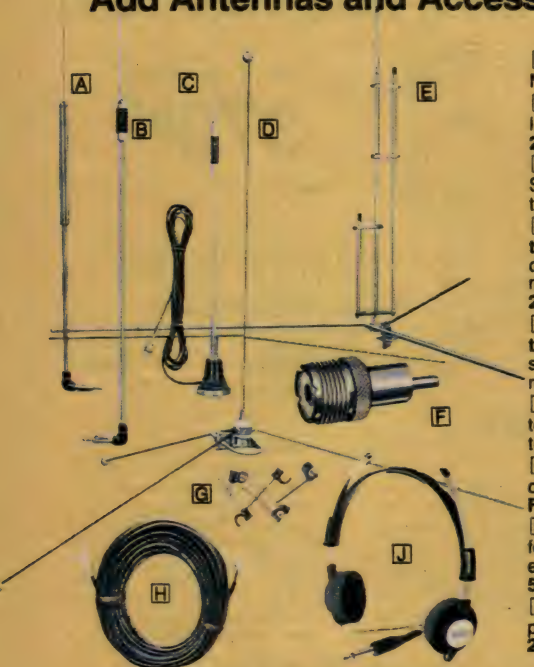
U.S. Pat. Nos. 3,794,925, 3,801,914 and 4,245,348

399.95

- ***No Crystals Needed—Keyboard Entry of 20,480 Channels • For Home or Car****
- ***Covers 30-50, 138-148, 148-174 MHz VHF, 108-136 MHz (AM) Aircraft, 410-470, 470-512 MHz UHF***

Realistic PRO-2002. The most sophisticated scanner we've ever offered! Digital keyboard lets you enter up to 50 frequencies for monitoring, storing, exploring. Search buttons help you find new or "secret" channels—when you find an interesting frequency, simply read it off the fluorescent display and enter it into memory. Battery backup maintains memory during power failures or when you unplug the scanner. Zeromatic® circuit assures accurate signal tuning every time. Features automatic or manual scanning, scan-delay so you hear both sides of messages, individual channel-lockout for bypassing selected channels, variable squelch control. Display shows channel number, frequency, status, program mode and time. Built-in speaker, plus jacks for headphone, external speaker and tape recorder. Includes operating manual, mobile* mounting bracket, all power cords. U.L. listed AC operation or 12VDC neg. gnd. external power. Requires 9V battery for backup feature. 3⅝ x 10³/₁₆ x 10⅞". **20-116** **399.95**

Add Antennas and Accessories for Best Reception



A **Indoor UHF-Hi/Lo Plug-In Antenna.** 20½" long. Motorola-type plug. **20-451** **9.95**

B **Indoor VHF-Hi/Lo Plug-In Antenna.** Center-loaded. Extends 16 to 40". Motorola-type plug. **20-161** **9.95**

C **VHF/UHF/Air Magnet Mount Mobile Antenna.** Secure even at high speed. 16-ft. cable. Motorola-type plug. **20-018** **25.95**

D **VHF-Hi, UHF-Hi/Lo Ground Plane Base Antenna.** Covers 152-512 MHz. One vertical, three radial elements. Accepts PL-259 connector. U-clamp mount fits masts up to 1½" dia. Less cable. **20-176** **12.95**

E **VHF-Hi/Lo, UHF-Hi/Lo Ground Plane Base Antenna.** Three vertical and three radial elements for superior reception on all bands. Accepts PL-259 connector. Less cable. **20-014** **29.95**

F **Coax Adapter.** Adapts standard PL-259 connector to a Motorola-type plug. Quality low-loss construction. **278-208** **1.99**

G **Coax Clips.** Nail to wall—the easy way to keep coax in place! **For RG58/U. 20-192** . . . . . **10 for 99¢**
For RG8/U. 20-193 . . . . . **6 for 99¢**

H **Coax Cable Assemblies.** 52-ohm low-loss poly-foam cable. PL-259 connectors installed at both ends. **50-Foot RG58/U. 278-971** **11.95**
50-Foot RG8/U. 278-972 . . . . . **19.95**

J **Monophonic Headset.** Adjustable headband, padded earcushions. Standard ¼" plug. **20-210** **9.95**

"Police Call" Frequency Directories

6.95 Each

Vol.	States Covered	Cat. No.	Each
1	Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont	62-1041	6.95
2	Delaware, Maryland, New Jersey, Pennsylvania	62-1042	6.95
3	Michigan, Ohio	62-1043	6.95
4	Illinois, Indiana, Kentucky, Wisconsin	62-1044	6.95
5	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota	62-1045	6.95
6	Dist. of Columbia, Florida, Georgia, North & South Carolina, Virginia, West Virginia	62-1046	6.95
7	Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, Texas	62-1047	6.95
8	Arizona, Colorado, Idaho, Montana, New Mexico, Nevada, Utah, Wyoming	62-1048	6.95
9	California, Oregon, Washington	62-1049	6.95

*MOBILE USE IN SOME AREAS MAY BE UNLAWFUL—CHECK WITH LOCAL AUTHORITIES

You'll Find the Best Values in Video at Radio Shack

13" Color TV Featuring Remote Control and Easy-to-Program Soft-Touch Memory Tuning

Diagonally measured. Simulated reception

NEW FOR '83

399.95

Remote Included

- *Automatic Fine-Tuning*
- *Automatic Color Control*
- *Quick-Start Picture Tube*

Computerized Tuning!

It's easy to pre-set any 12 VHF and UHF channels for one-touch selection from the set or remote control. You can also scan the 12 pre-set channels and stop at the program you want with the up and down buttons on the remote control.

Radio Shack TC-130. The perfect bedroom TV. And what a clear picture! Advanced circuitry and one-button automatic color system eliminate most color and tint readjustment. Remote control uses an *infrared* system, immune to false triggering. Up/down volume pushbuttons on set and remote. Picture tube has in-line gun, slotted mask and black-matrix screen for outstanding clarity and brightness. Up-front 4" oval speaker. Includes "stick-on" numbers for labeling remote control channel select buttons. Telescoping VHF antenna, loop UHF antenna, 300 and 75-ohm connectors for external antenna or cable. With earphone. 12¾ x 18 x 16". U.L. listed. Remote requires two "AA" batteries.

16-230 . . . . . **399.95**

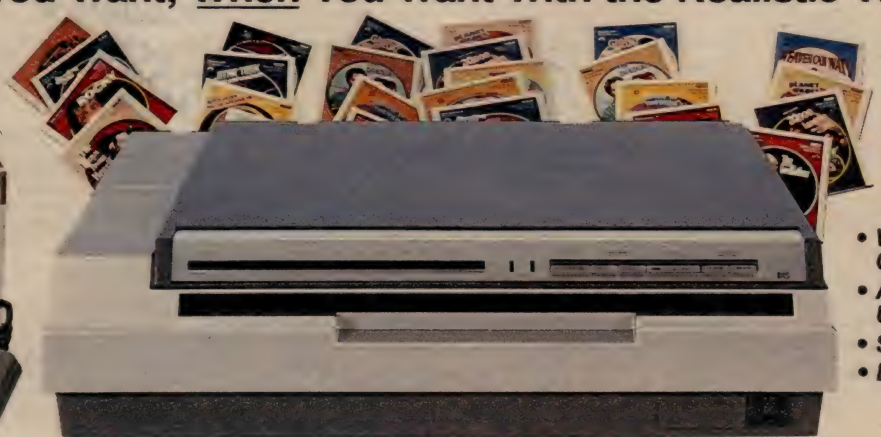
Available Oct. 15, 1982

Remote Control!

Change or Scan Channels, Adjust Volume, Mute Sound, Turn On or Off—Up to 17 Feet Away

See What You Want, When You Want With the Realistic Video Disc Player

Simulated playback picture. TV and stand not incl.



NEW LOW PRICE!

379.95

Was $499.95 in 1982 Catalog

- *With Full-Function Remote Control at No Extra Cost*
- *Automatic—Easier to Use Than a Record Player*
- *Superb Picture • Hi-Fi Sound*
- *Easy Hookup to Any TV*

Realistic CED-1. Enjoy recent movies and classic films, sports, concerts, children's shows, TV specials and more on low-cost discs that play through your own TV. It couldn't be easier to use—just insert a disc to start player. The color picture is great, free of snow, ghosts and fading. And a jack lets you play *20-15,000 Hz hi-fi sound* through your music system. Or, play it through your TV speaker. Search pushbuttons take you forward or reverse at eight or 60 times normal speed to find favorite scenes—with viewable picture and muted sound. Pushbuttons for pause and instant return to beginning of disc. Remote has 20-foot cord and duplicates all front panel controls. U.L. listed. **16-301** **379.95**

System Type: CED, plays all RCA and CBS discs. **Playing Time:** 60 minutes per side. **Automatic Functions:** Disc loading, cueing, power on/off, antenna switching, stylus cleaning. **Outputs:** Ch. 3 or 4 to 75 or 300-ohm TV antenna terminals. Video for direct connection to monitors and projection TV. Audio for direct connection to hi-fi amplifiers. **Size:** 4¼ x 16¾ x 16¾".

SOME VIDEO DISCS ARE IN STOCK AT MOST RADIO SHACK STORES—DISC CATALOG INCLUDED WITH PLAYER

PortaVision® TV Featuring 3-Way Power

PortaVision TV

Bright Enough For Outdoor Viewing!

Play on AC, Internal Batteries, Or Car/Boat Power!

5″ Black-and-White With AM/FM

Diagonally measured. Simulated reception

NEW LOW PRICE!

169.95

Was $179.95 in 1982 Catalog

- *Easy to Carry—Only 6½ Pounds*
- *Built-In Sun Shade for Outdoor Use*

Realistic PortaVision With AM/FM Radio. Delivers bright, razor-sharp pictures, and AFC prevents drift when you listen to FM. The electronic TV tuner has no mechanical contacts to wear out and cause reception problems. Features separate side-mounted controls for radio and TV tuning, 3″ speaker, up-front controls for band selection, brightness, contrast and on-off/volume. Telescoping FM/UHF/VHF antenna, built-in AM antenna, terminals for external 300-ohm VHF/FM and UHF antennas. With earphone. 7 × 5⅞ × 10″. U.L. listed AC operation, nine "D" batteries (not incl.), or optional DC adapter (see note below).

16-100 . . . . . **169.95**

5″ Black-and-White

Simulated reception Diagonally measured

NEW FOR '83

139.95

Lightweight! Only 5½ Pounds

Quality you can see, at a bargain price! Built-in sun shade for outdoor use, large slide-rule dial, electronic tuner, 3″ speaker. Swivel/telescoping VHF/UHF antenna, terminals for 300-ohm external VHF/FM and UHF antennas. With earphone. 4⅜ × 8 × 10½″. U.L. listed AC operation, 6 "D" batteries (not incl.), or optional DC adapter.

16-102 . . . . . **139.95**

2″ Black-and-White With AM/FM Radio

Diagonally measured. Simulated reception

NEW FOR '83

199.95

Includes Carrying Cases For TV and Sun Hood

Our 2½-pound marvel gives you a super-sharp picture! Slide-on sun hood, large dial, separate radio/TV tuning, electronic TV tuner, 2″ speaker. Built-in antennas, terminals for 300-ohm VHF/FM and UHF antennas. 2⅛ × 6 × 8″. Includes earphone, U.L. listed AC adapter. Requires six "AA" batteries (not incl.) or optional DC adapter.

16-103 . . . . . **199.95**

Flip-Down Stand for Easy Viewing

5″ Color With AM/FM Radio

Diagonally measured. Simulated reception

NEW FOR '83

399.95

- *Only 11½ Pounds*
- *Pull-Up Handle*

An outstanding performer! One-button automatic color, plus six picture and color controls for exact adjustment. Separate radio/TV tuning, electronic TV tuner, 3″ speaker. Telescoping VHF/UHF/FM antenna, terminals for 300-ohm VHF/FM and UHF antennas. With earphone. 10⅛ × 7 × 12″. U.L. listed AC operation, ten "D" batteries (not incl.), or optional DC adapter. **16-105** **399.95**

5″ Black-and-White With AM/FM Radio and Full-Feature Cassette

Diagonally measured. Simulated reception

NEW FOR '83

199.95

- *Tape Counter*
- *Pause Control*
- *Full Auto-Stop*
- *Electret Condenser Mike*

Records radio or TV sound as you listen. Jacks for remote control mike, aux input. Sun shade, electronic TV tuner, separate radio/TV tuning, tone control, 3½″ speaker, telescoping TV/FM antenna, terminals for external 300-ohm VHF/FM and UHF antennas. With earphone. 4⅛ × 15⅜ × 10³⁄₁₀″. 12 lbs. U.L. listed AC operation, nine "D" batteries (not incl.), or optional DC adapter. **16-104** . . **199.95**

Complete Audio/Video System to Go

SETS ON THIS PAGE WILL OPERATE ON 12VDC NEGATIVE GROUND VEHICLE POWER—USE RADIO SHACK CAR/BOAT ADAPTER #270-1534.

FOR BEST MOBILE TV RECEPTION WE RECOMMEND OUR MOBILE ANTENNAS #15-1610 OR #15-1613—SEE PAGE 85. WEIGHTS DO NOT INCLUDE BATTERIES.

It's Cheaper to Buy Your Own Phone Than to Rent!

Auto-Dialing Slim-Fone® With 9-Number Memory

NEW FOR '83

69.95

- *One-Button Dialing of Often-Called Numbers*
- *Handset Hookswitch "Hangs" Up Anywhere*
- *Selectable High/Low/Silent Ringer Switch*

Sleekly styled phone stores up to nine frequently called numbers for instant, one-button dialing. Each of the nine memory buttons has a 15-digit capacity. Advanced electronic design will hold memory, even if phone line is out of service for several hours. You also get one-button Auto-Redial of last number manually dialed. Universal Dial System gives you pushbutton operation on any line without extra charges. Mute switch silences outgoing voices. 8¾ × 3¾ × 4". Phone line powered, no batteries required. With 14-ft. cord, modular plug. **White, 43-342. Brown, 43-343 . . 69.95**

Slender Trim-Fone™ Lends a Touch of Elegance to Any Room

59.95 Pushbutton Dialing

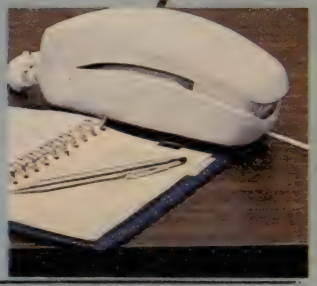
64.95 "Tone" Dialing NEW FOR '83

- *Save Money on Your Phone Bill*
- *With Standard Modular Plug—Inserts Instantly Into Any Standard Modular Phone Jack*
- *Available in Two Colors*

Slim and decorative, a Trim-Fone blends with any home or office decor. The curved handset rests naturally in the palm of your hand. Handy "hang up" button lets you place a series of calls without returning the handset to the base. One-button Auto-Redial of last number dialed. Color-coordinated cord.

Trim-Fone "Pulse". Universal Dial System gives you pushbutton convenience, even on rotary lines.
White, 43-351.
Brown, 43-352 . . . . . 59.95

Trim-Fone "Tone". Tone-dialing for use with long-distance low-rate services and bank by phone services.
White, 43-353.
Brown, 43-354 . . . . . 64.95



Standard Replacement Telephones—All Brand New, Not Rebuilt!

Low-Cost Desktop Phone

39.95 *Easy on Your Budget*

Rotary-Dial. Just as stylish, rugged and reliable as telephone company models! Ringer volume control. Ready to plug into any modular jack. Bell volume control. With 7-ft. base cord. **White, 43-301. Beige, 43-302 . . . . . 39.95**

Convenient Standard Desktop Tone-Fone™

64.95 *Ideal for Home Or Office*

Tone-Fone . Perfect for the bedroom, workshop, anywhere. Install it yourself easily with modular plug. Coiled handset cord stretches up to four feet. Bell volume control. With 7-ft. base cord. **43-340 . . . . . 64.95**

"Mini" Wall Rotary Phone

NEW FOR '83 *Low-Cost, Easy to Install* **59.95**

Rotary Dial. Replace your old standard wall telephone with this rugged, dependable modular "mini" phone. Fits right over standard modular wall jack. With modular coiled handset cord. **Almond, 43-303. Brown, 43-304 . . . . . 59.95**

"Mini" Wall Tone-Fone

Tone-Dialing Lets You Access Long-Distance Low-Rate and Bank By Phone Services

NEW FOR '83 **69.95**

Tone-Fone. Replace your present phone with a brand new wall phone with touch-dialing convenience. Fits right over standard modular wall jack. With coiled handset cord, modular plug. **Almond, 43-307 Brown, 43-308 . . . . . 69.95**

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

We've Got a Telephone That's Just Right for You

Slim-Fone® With Base

NEW LOW PRICE

49.95

Was $59.95 in 1982 Catalog

Pushbutton Dialing

NEW LOW PRICE

54.95

Was $64.95 in 1982 Catalog

"Tone" Dialing

Base Rests on Any Flat Surface or Fits Over Standard Modular Jack For Wall Mounting

- ***Handset Hookswitch Lets You "Hang Up" Almost Anywhere***
- ***Selectable High/Low/Silent Ringer Switch on Handset***
- ***Convenient Pushbutton Operation***

Slim-Fone ET-250 "Pulse". Sleek styling with Universal Dial System that gives you pushbutton operation on any line without extra charges, and one-button Auto-Redial of last number called. Mute switch silences outgoing voices. 8¾ × 3¾ × 4". With 14-ft. cord, modular plug.
White, 43-332. Brown, 43-333 ..... 49.95

Slim-Fone ET-250 "Tone." Features tone-dialing for use with bank, business computer and long-distance low rate services. All features of Pulse-type ET-250 except Auto-Redial and Mute. Ready to plug in and use.
White, 43-334. Brown, 43-335 ..... 54.95

"Mini" Personal Phones

NEW LOW PRICE

39.95

Was $49.95 in 1982 Catalog

Hangs Up on Any Flat Surface or On Wall Bracket

4.95

Wall Bracket

NEW FOR '83

A

- ***Compact One-Piece Design— Just 2¼ × 1½ × 7"***
- ***Silent/Low/High Ringer Switch***

B

A **Radio Shack ET-100.** Features Universal Dial System for pushbutton operation on any line, plus one-button Auto-Redial of last number called. Mute switch silences outgoing voice. 16-ft. cord. modular plug.
White, 43-284. Brown, 43-285 ... 39.95

B **Radio Shack ET-100 "Tone."** Fast "tone" dialing lets you access low-rate long distance services. Same features as above, except Auto-Redial and Mute.
White, 43-360. Brown, 43-361 ... 39.95

Matching Wall Bracket. Mounts directly over standard modular wall jack.
White, 43-184. Brown, 43-185 .... 4.95

Add the Style and Taste of a Continental Fashion-Fone®

A **59.95**

B **69.95**

C **59.95**

D **69.95**

NEW FOR '83

E **79.95**

French-Style. The elegance and charm of the "Left Bank"! Combines classic design with quality components for years of reliable service. "Continental-style" buzzer and ornamental handset create a mood of European elegance. 7-ft. base cord, modular plug.

A **White, Gold-Color Trim. 43-326 ..... 59.95**

B **Golden Color, Ivory-Color Trim. 43-325 ..... 69.95**

C **"Cutie".** Very pretty, very petite. Ivory colored and accented with golden trim. Coiled handset cord, 7-ft. base cord, modular plug. Was $69.95 in 1982 Catalog. **43-324 ..... 59.95**

D **French Continental.** An elegant addition to your living room or bedroom. Beautiful golden hue and ivory-colored base add to the "Old World" charm of this antique style phone. Complete with 7-ft. base cord, modular plug. Was $79.95 in 1982 Catalog.
43-320 ..... 69.95

E **Imperial Classique.** The phone fit for royalty! Exquisitely detailed scrollwork adorns the antiqued brass base and handset of this classic design. Extended dial for easier operation. With coiled handset cord, 7-ft. base cord, modular plug. **43-323 ..... 79.95**

NOTE: ALL RADIO SHACK TELEPHONES ARE FCC REGISTERED. NOT FOR COIN, PARTY-LINE OR MULTI-LINE USE

It's the Ultimate Portable Telephone! Cordless! All-Electronic! Computerized!

199.95

NEW FOR '83

- *Programmable Security Code Prevents Neighbors' Cordless Phones From Dialing on Your Line*
- *Automatic Memory Dialing of Two Phone Numbers of Up to Ten Digits Each*
- *One-Button Auto-Redial of Last Number Entered, if Busy or No Answer*
- *Built-In Battery Charger*
- *Doubles as a Wireless Intercom—Plug Your Regular Phone Into Base Unit*

Radio Shack ET-330. Thanks to a built-in microprocessor, this phone can do much, much more than any conventional telephone! You can make and take calls up to 500 feet from the base unit—without cords! Answer and hang up from the handset itself. An audible tone indicates when you're nearing the range limit of the handset. There's even a privacy button—no need to cover the mouthpiece with your hand. Universal Dial System for pushbutton convenience even on rotary lines. Handset has built-in nickel-cadmium batteries that can be charged from the built-in charger in the base or optional external charger. LED low-battery indicator. Connects quickly and easily with modular phone jack. Extra handsets available on special order. Base, 3 × 6 × 9". Handset, 1¾ × 2½ × 8½". U.L. listed. **43-267** **199.95**

External Battery Charger. U.L. listed. **273-1455** **6.95**

Our Lowest Price Yet for an All-in-One Cordless Phone

139.95

Up to 50-Foot Range—Use it Indoors or Out

NEW FOR '83

- *Answer and Hang Up From the Handset, Move Around Home or Office Free From the Restrictions of a Trailing, Tangling Cord*
- *Auto-Redial of Last Number Entered if Busy or No Answer*
- *Privacy Button—No Need to Cover Mouthpiece With Your Hand*
- *Adapts to Standard Telephone Plate for Wall Mounting*

Radio Shack ET-320. A convenient, stylish addition to any home or office, this cordless all-electronic phone couldn't be easier to use. There's no cord to tangle or to get in the way, so you can move around and talk at will. Since the pushbutton dial and controls are on the portable handset, you can call, answer, hang up, and redial anywhere—from up to 50 feet from the base. And because there's no monthly rental, this phone will actually save you money on your phone bill! The Universal Dial System works on all lines—rotary or tone dialing—without extra service charges. Ready to use—quick and easy connection with modular phone jack and AC cord. Built-in antenna—no telescopic antenna to adjust. Includes built-in rechargable nickel cadmium batteries with automatic recharger in the base. Features red and green Low-Battery, Talk and Recharging LED indicators. Base, 3 × 3 × 9½". Handset, 2 × 2¼ × 8¼". U.L. listed. **43-268** **139.95**

NOTE: Phones on these two pages may be incompatible with certain hearing aids. Not for coin, party line or multi-line use. All are FCC registered and include a standard modular plug. Just plug in, and talk.

Low-Cost Cordless-Handset Telephone For "Walk-and-Talk" Convenience

Frees You From Tangling, Restricting Cords

Only **99.95**

- ***Adapts to Standard Telephone Plate for Wall Mounting***
- ***Built-In Antenna—No Telescoping Antenna to Adjust***
- ***LED Indicator in Handset Shows Unit is Recharging***

Radio Shack ET-350A. A complete answer-and-dial telephone with a cordless handset and "full duplex" operation that lets you use it just like your regular phone. To answer, just pick up the handset and talk. To call, just "dial" from the pushbutton base unit. The big difference is, you're unrestricted by a cord! You also get Auto-Redial for one-button dialing of the last number called, and Universal Dial System for pushbutton convenience even on rotary-dial lines. There's also a "privacy" button so you never need to cover the mouthpiece with your hand, plus a pleasant tone that replaces the harsh sound of a bell. The base unit may be used on desk or wall. With built-in nickel cadmium batteries and automatic charger with LED. U.L. listed. Designed, engineered and manufactured in Radio Shack's own factory! Base, 3½ × 3½ × 9". Handset, 2½ × 2¼ × 7¼". **43-266** **99.95**

Perfect for talking in the kitchen—no cord to get in the way, burn on stove or knock over containers

Answer calls anywhere in and around your home or office.

Cordless!

50-Foot Range Lets You Move From Room to Room

The Perfect Answer! Cordless Incoming-Call Telephone

Up to 600-Ft. Range

119.95

- ***Great for Restaurants, Offices, Lobbies, Warehouses, Construction Jobs, and More***
- ***Rechargeable Batteries Included in Handset***

Radio Shack ET-310. Now you can take calls in any room, basement, garage—even in a neighbor's yard! It's the perfect extension phone, since you can take it anywhere—no cord to get in your way! The remarkable 600-foot range makes it a valuable tool on any job where communication is important. To answer, simply flip the talk switch, and raise the antenna on the cordless handset. Easy to connect and use—the base unit comes with a modular connector and AC cord, and includes a built-in modular jack for use with your regular phone. The handset features an on-off power switch, plus a Hi/Lo voice switch. Base, 2¾ × 8⅝ × 7⅛". Handset, 6¾ × 2½ × 1¼". U.L. listed. **43-264** **119.95**

Our Very Best! Computer-Controlled Phone Answerer

The Ultimate in Telephone Answering Systems!

Full-Function Digital Remote Control **299.95**

- ***Fluorescent Display Shows the Message Number, Plus the Date and Time Each Message Was Received***
- ***Four-Digit "Security Code" Allows Only You To Use Remote Control With Answerer***
- ***Also Doubles as a Cassette Recorder and Dictation Machine***

DUõFONE® TAD-150. Features dual-cassette operation with dual outgoing messages. And because it's *voice-activated,* you can record callers up to five minutes—without gaps. Cue feature lets you locate messages for convenient playback. Digital remote control duplicates most functions, and allows you to call from any phone and hear your messages or record new announcement. Built-in digital clock, "feather-touch" controls, LED indicators, instant or delayed answer, built-in electret mike. 4¼ × 12 × 9¼". Remote, 6 × 2¼ × ¾". Requires 9V battery for memory protection. Remote requires four "AAA" alkaline batteries. Extra remotes available by Special Order. U.L. listed. **43-248** **299.95**

Announce-Only Telephone Answerer

NEW FOR '83

49.95

Greets Callers With Your Own Personalized Message

DUõFONE TAD-100. This system gives you an inexpensive 24-hour way to answer callers with your own pre-recorded message when you are unavailable. The TAD-100 system is designed to deliver your announcement only and does not record calls. The perfect system for businesses, church groups and other organizations where an announcement is all that you require. 3¼ × 5¾ × 5¼". U.L. listed. **43-244** **49.95**

Extra Announcement and Message Cassettes

Type	Recording Time	Cat. No.	Each
Announcement	15 Seconds	43-403	5.95
Announcement	20 Seconds	43-401	5.95
Announcement	30 Seconds	43-402	5.95
Announcement	45 Seconds	43-404	5.95
Message	60 Minutes	43-410	2.39

Low-Cost Personal Telephone Answerer

89.95 ***Never Miss Another Call! Records Up to 40 Incoming Messages on Cassette Tape***

DUõFONE TAD-110. Our lowest-priced answerer, especially designed for home use. Simple operation—features easy, two-lever operation. Fast-forward lets you quickly bypass unwanted material on the tape. Ringer-adjust feature sets the number of rings you want to allow before the system answers. Call-Monitor lets you screen incoming calls when you're at home. LED indicators for power-on and call-received. With built-in condenser mike for recording announcement tapes. 2¾ × 8¾ × 6". U.L. listed. **43-245** **89.95**

NOTE: DUõFONE answering systems are adaptable to most multi-line telephones. NOT for coin or party-line use.

Dual-Cassette Phone Answerers For Dependability

Budget-Priced Answerer With Remote Control Playback

Remote Control Lets You Call in From Any Phone and Hear Your Messages, Then Reset Answerer for More

159.95

DUõFONE® TAD-112. Never misses a call. Greets callers with your announcement, records their messages— takes up to 120 calls. Or set it to deliver outgoing messages only. Call-Monitor lets you screen incoming calls when you're home. With built-in mike for recording announcement tapes, full-capacity shutoff, LED indicators. Answerer, 2¾ x 9¾ x 7¼". Remote, 3¼ x 2¼ x 1". Remote requires 9V battery. U.L. listed. Extra remotes available by Special Order
43-247 ..... **159.95**

Voice-Activated Dual Cassette Answerer With Remote Control

Voice-Controlled Circuit on Both 30-Second and 3-Minute Messages

NEW FOR '83

179.95

DUõFONE TAD-114. Ideal for business applications. This answerer features message-taking and recording of both sides of telephone conversations. Voice-actuation saves tape—hangs up when caller is finished or when switchable 30-second or 3-minute time limit is reached. Remote control lets you play recorded messages from any phone while you're away. Audible review allows quick, easy back-up to desired selection for playback. When you're at home, Call-Monitor lets you determine who's on the line before you pick up the phone. Mechanical counter shows position of tape. Built-in condenser microphone. 2¾ x 9¾ x 7¼". Remote, 1 x 3¼ x 2¼". Remote requires 9V battery. Extra remotes available by Special Order. U.L. listed.
43-314 ..... **179.95**

Value-Priced Automatic Telephone Answerer for Easy Message Handling

119.95

Call-Monitor Feature Lets You Screen All Incoming Calls

- ***Dual-Cassette Operation Makes it Easy to Store and Replace Message and Announcement Tapes***
- ***"Announcement Only" Setting Lets You Deliver Your Own Recorded Announcements Without Taking Messages***

DUõFONE TAD-111. Never miss another important phone call! This dual-cassette system answers your phone and records up to 120 incoming messages. Fast-forward control lets you quickly skip over unwanted portions of the tape. Automatically shuts off when tape is filled to capacity. Other deluxe features include a built-in condenser microphone for recording your outgoing announcement, an easy-to-use single-knob function selector, three LED function indicators, playback volume control. 2¾ x 9¾ x 7¼". U.L. listed. **43-246** **119.95**

NOTE: All DUõFONE answerers include both an announcement and message cassette and are ready to plug into modular jacks—no wiring required. DUõFONE answerers are FCC registered and are perfectly legal to use. NOT for coin or party-line use.

Add Convenience to Calling–Without Monthly Charges

Deluxe Telephone/Auto-Dialer/Amplifier

Switchable Tone Or Pulse Dialing

139.95

NEW FOR '83

- *"Hands-Free" Two-Way Amplifier*
- *Auto-Dialer With 32-Number Memory*

DUõFONE-160. This amazing "all-in-one" telephone stores up to 32 frequently called numbers for instant one-button dialing. Each of the 32 memory positions has a 28-digit capacity—you can even make *overseas* calls with the touch of just one key! Selectable tone or pulse dialing works with any phone system. It also allows users with rotary-dial lines to access services that require tone dialing, such as bank-by-phone and long-distance low-rate systems. Has built-in two-way amplifier and on-hook dialing for hands-free "family" and conference calls. Amplifier has pushbutton on/off, high/low sensitivity and privacy mute controls, rotary volume control. Modular connectors let you add a longer cord to handset, if desired. $3^{11}/_{16} \times 8^{5}/_{8} \times 9^{13}/_{16}$". Battery backup protects memory. (Requires four "AA" batteries). With 6-ft. modular cord. Single-line use only. FCC registered. **43-293** **139.95**

Our Finest Telephone Amplifier

Integrated Circuitry for Top Performance

49.95

Phone Line Powered—No Batteries Required

DUõFONE-101. Talk and listen without holding a handset! Ideal for home or business use—converse while preparing meals, using tools, typing or moving around a room. The DUõFONE-101 features automatic talk/listen switching and sensitivity so several people can join in "family" or conference calls. Push the "mute" button if you wish to listen, but not talk. Slide-action volume control. $1^{11}/_{16} \times 6^{11}/_{16} \times 11\frac{1}{2}$". With 6-ft. cord, modular plug. FCC registered. **43-277** **49.95**

Compact, Budget-Priced Phone Amplifier

Phone Line Powered—Uses No Batteries

Mute, Volume and Sensitivity Controls

29.95

Enjoy "hands-free" convenience, family and conference calls at a bargain price. Easy to operate. $3^{5}/_{8} \times 6 \times 4^{1}/_{8}$". With 5-ft. cord, modular plug. FCC registered. **43-278** **29.95**

Telephone Handset Amplifier

Simple Plug-In Hookup

19.95

Boosts incoming caller's voice—ideal for the hearing-impaired, or use in factories and other high-noise locations. Adjustable volume and tone. $4 \times 2^{1}/_{4} \times {}^{7}/_{8}$". Requires 9V battery. FCC registered. **43-237** . . **19.95**

Low-Cost Portable Phone Listener

9.95

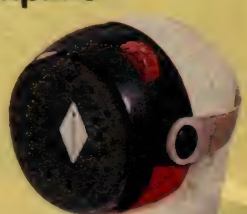
No Wiring Required

Amplifies incoming calls so others can listen in. Features suction cup pickup coil, volume control, built-in speaker. $2 \times 3 \times 4^{3}/_{4}$". Requires 9V battery. **43-231** **9.95**

Snap-On Handset Amplifier

Attaches Easily To Earpiece

11.95



Boosts caller's voice up to five times. Compact—a hearing impaired person can take it along. Volume control. With battery. **43-238** **11.95**

SOME TELEPHONE MODELS ARE INCOMPATIBLE WITH CERTAIN TYPES OF HEARING AIDS

Why Rent? Save by Owning Your Phones & Accessories!

Telephone With 32-Number Auto-Dialer

Switchable Tone or Pulse Dialing

99.95

- *Stores Up to 32 Numbers for Instant Dialing*
- *Modern Styling—Looks Great at Home or Work*

NEW FOR '83

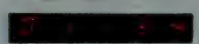
DUõFONE-140. This combination telephone/automatic dialer is a valuable addition to any home or business. It stores up to 32 phone numbers of up to 28 digits each—you get accurate one-button dialing of frequently called or emergency numbers. Selectable tone or pulse dialing works with any phone system. It also allows users with rotary-dial lines to access services that require tone dialing, such as bank-by-phone and long-distance low-rate systems. Auto-Redial system will even redial the last manually dialed number with the touch of one button if if was busy or did not answer. Modular handset connectors. Battery backup protects memory if you need to move the DUõFONE-140. (Requires four "AA" batteries). 3½ x 5½ x 10". With 6-ft. modular cord, ready to plug in and use. Single-line use only. FCC registered. **43-294** **99.95**

32-Number Automatic Dialer

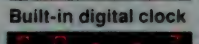
NEW FOR '83

Switchable Tone Or Pulse Dialing

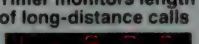
99.95



Built-in digital clock



Timer monitors length of long-distance calls

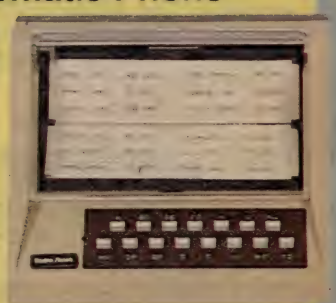


Displays the number and area code being dialed

DUõFONE-232. Instant one-button dialing of up to 32 numbers—even has time-saving "on-hook" dialing. Selectable tone or pulse dialing works with any phone system and allows users with rotary dial lines to access services which require tone dialing. Includes U.L. listed AC adapter. For single-line phones. (Requires adapter* for multi-line use, 9V battery for memory backup.) 2⅝ x 6¼ x 6". FCC registered. **43-282** **99.95**

Handy Automatic Phone Directories Save Time!

24.95



Desktop Directory. Finds any of up to 350 numbers at the touch of a key. A real time-saver! 4⅝ x 5¾ x 7⅜". Requires two "C" batteries. **43-105** **24.95**

A **14.95**

B **6.95**

A **Calendar Directory.** Manual calendar, electric or manual access to up to 390 numbers. 3½ x 5 x 7¾". Requires two "AA" batteries. **43-106** **14.95**

B **Portable Hand Directory.** Forward or reverse electric drive finds any of 390 names. 5⅛ x 3¾ x 1⅛". Requires two "AA" batteries. **43-112** **6.95**

16-Number Automatic Dialer

49.95 *Fast, One-Button Dialing on Tone or Rotary Dial Lines*

DUõFONE-100. Stores up to 16 numbers of up to 15 digits each. LED indicator for memory and dialing. Modular connections for quick, easy hookup with single-line phones. U.L. listed AC operation with included adapter. Requires two "AA" batteries for memory protection. 2¼ x 4½ x 5 5/16". FCC registered. **43-279** **49.95**

*AUTOMATIC DIALERS MAY NOT OPERATE ON SOME MULTI-LINE SYSTEMS

Accessories to Make Your Telephone Work for You!

Control Lights and Appliances by Phone!

NEW FOR '83

99.95

Remote Control Convenience From Any Telephone In the World!

- ***Give Your Home a "Lived In" Look While You're Away***
- ***Light Your Home, Pre-Cool or Heat a Room Before You Arrive***

Plug 'n Power Telephone Remote Control System. Another Radio Shack breakthrough! Now you can phone from anywhere and turn on most 120VAC electric space heaters, window air conditioners and fans, start dinner in a microwave oven—even activate lights, a TV or a radio to discourage prowlers! Compact Remote Transmitter sends commands over the phone to your Telephone Remote Control Center, which plugs in standard telephone jack and AC outlet. The Control Center operates up to eight lights and appliances by sending a signal over your house wiring to Remote Control Modules (sold separately—see page 106). Control Center, 2¼ x 5¾ x 5½". Remote, 1¼ x 2¼ x 5¼", requires 9V battery. **43-151** **99.95**

Multi-Extension Recording Control

Keeps a Record Of Conversations **24.95**

Great for keeping business records on tape! Plug into a cassette recorder and tape conversations from any extension on your line, automatically. (Not for party lines.) 2½ x 2½ x 1¼". FCC registered. **43-236** **24.95**

Single-Phone Recording Control

NEW FOR '83 **19.95**

Keep a complete and accurate record of all your calls. Plugs into any portable cassette recorder with remote control mike jack. Recorder starts and stops automatically. Tape/playback switch, modular phone plug. (Not for party lines.) 1¾ x 2¼ x 1¼". FCC registered. **43-228** **19.95**

Pocket Tone Dialer

NEW FOR '83 ***Easy to Take Along*** **24.95**

This handy tone dialer allows you to access low-rate long distance, bank-by-phone, and computer services requiring tone signals—from any phone. 4 x 2⅜ x 1⅛". With batteries. FCC registered. **43-138** **24.95**

DUOFONE Multi-Line Controller

NEW FOR '83

39.95

Insures correct attachment of single-line equipment with modular plugs to multi-line phone systems. Gives you convenient switching to any of five lines. Does not affect operation of lights and hold features. Easy to install, no extra charges. 5 x 2½ x 2¾". FCC registered. **43-233** **39.95**

Telephone-Hold Module

One Module Works for All the Telephone Extensions in Your Home or Office, On the Same Line!

NEW FOR '83 **29.95**

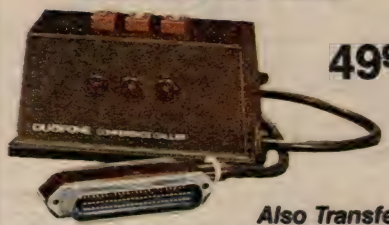
The only one of its kind! Now you can add the "hold" feature to all your phones. Suppose you want to take a call on an extension—just tap the switchhook twice and hang up. You have six minutes to pick up the call on any extension on your line. 4½ x 2½ x 1¼". U.L. listed. **43-232** **29.95**

Single-Line Tap

14.95

The easy, low-cost way to add single-line answerer or dialer to line one of your business phone. **43-271** .. **14.95**

Conference Caller

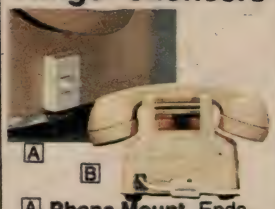


49.95

Also Transfers Incoming Calls

Allows up to a 4-way conference by telephone. Works with most multi-line systems. Includes recording jack. **43-234** **49.95**

Ringer Silencers



A Phone Mount. Ends intrusive calls. Attaches easily to most phones. 1" high. **43-125** **6.95**

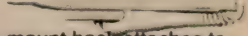
B Remote. Silencer on 7-foot cord. **43-126** **7.95**

Telephone Rests

Rest-a-Phone.
Beige. 43-120 .. 3.79
White. 43-121 .. 3.79

Soft Shoulder Rest.
Beige. 43-135 .. 5.95
Ivy. 43-136 .... 5.95

Stick-On Pen



Adhesive-mount back attaches to smooth surface. **43-110** .... **89¢**

Telephone Jacks, Plugs, Cords and Accessories

Quality Modular Wall Plates, Jacks, Couplers and Adapters

Wall Plates. Flush mount a jack in any standard outlet for desk phones. With Hardware.

A **Round. 279-392** 5.95

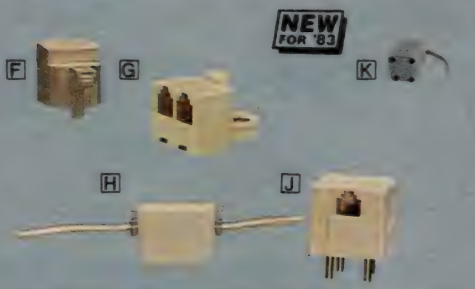
B **Rectangular. 279-352** 5.95

C **Wall Phone Plate.** Standard plate for use with modular wall telephones. **279-387** 7.95

D **Quick-Connect Jack.** Convert wall block for modular plug. Spade terminals. **279-355** 2.19

Modular Jack. Above with clips. **279-386** 2.99

E **Surface-Mount Jack. 279-353** 5.95



F **Quick-Plug.** Convert older phones for use in modular phone jacks. Accepts spade lugs or bare leads. **279-375** 2.49

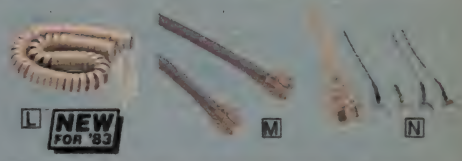
G **Duplex Jack.** Couples two phones, phone and amplifier, or phone and answerer from one jack. **279-357** 6.95

H **Inline Coupler.** Extend your phone system by interconnecting two modular line cords. **279-358** 2.95

J **Cord Adapter.** Converts modular phone plug to 4-prong plug. Allows you to connect a modular phone to a non-modular jack. **279-351** 4.95

K **Plug Adapter.** Converts 4-prong plug to modular plug for use with newer installations. **279-393** ... 4.95

Modular Extension Cords



L **18-Ft. Coiled Modular-to-Modular Line Cords. Satin. 279-395 White. 279-396 Brown. 279-397** ... 5.95

L **18-Ft. Coiled Modular Handset Cord. Satin. 279-361 Brown. 279-378 Beige. 279-380 White. 279-381** 5.95

M **12-Foot Modular-to-Modular Line Cord. 279-374** 4.95

25-foot. 279-356 ..... 5.95

M **5¼" Modular-to-Modular Adapter Cord. 279-390** 1.19

N **25-Ft. Extension/Converter Cord.** Modular-to-spade lugs. **279-364** 5.95

N **12" Modular-to-Spade Line Cord. 279-391** .. 1.29

Dual-Jack Extension Cord

Modular plug at one end, dual jacks at other end.
12-Ft. 279-373 ..... 7.95
25-Ft. 279-363 ..... 8.95

4-Prong Wall Jack and Plate

2.59

4-prong jack with wall plate fits standard-sized cutout.
279-1507 ..... 2.59

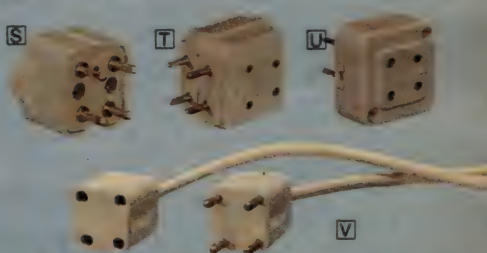
Jacks and Terminal Blocks

P **Quick-Connect Jack.** Converts standard 42A phone terminal block to 4-prong jack. Spring contacts. Installs by simply being fastened over terminal block in place of the terminal block cover. **279-368** 2.19

Q **42A Connector Block.** Standard telephone terminal block with screw terminals for spade lugs. **279-389** 2.19

R **4-Prong Jack.** Accepts standard 4-prong plug. With mounting hardware. **279-367** 1.49

4-Prong Plugs and Extensions



S **Plug.** Fits standard jack. **279-366** 1.29

T **Dual Jack-in-a-Plug.** Provides two jacks with a single plug. **279-370** 2.29

U **Jack-in-a-Plug.** Permits "piggyback" connections to one jack. **279-369** 1.89

V **Extension Cords.** Four-conductor with jack and plug. **15-Foot. 279-1260** 2.29

30-Foot. 279-1261 ..... 3.99

Universal Modular/4-Prong Instant Jack

6.95

Converts standard wall terminal block or 4-prong jack to modular and 4-prong jack. **279-360** 6.95

Modular Crimping Tool

W **7.95**

NEW FOR '83

2.49

W **Crimping Tool.** Makes it easy to install modular plugs on 4-conductor modular cable. **279-388** 7.95

X **Modular Connectors.** Use with tool, above. **279-384** 2.49

4-Conductor Phone Cables

50-Ft. Modular. 278-365 ..... 5.49

100-Ft. Modular. 278-366 ..... 10.98

50-Ft. 24GA Solid. 278-372 ..... 5.49

100-Ft. 24GA Solid. 278-373 .... 10.95

Telephone Wiring Block

NEW FOR '83

- *Plugs Into the Phone Company's Service Terminal*
- *Color-Coded for Easy Hookup*
- *Attaches Securely to the Wall*

7.95

Makes it easy to install your own telephone wiring in your home or office. Provides a distribution or connecting point with two screw terminals for each of the four conductors. **279-394** 7.95

Outdoor Phone Ringer

Easy to Install **21.95**

- *You Can Use One as a Low-Cost Alternative To a Second Telephone*
- *Attention-Getting Tone*

Now you can hear your phone ringing outdoors. Great for patio, garage, workshop, anywhere! Volume control, built-in modular jack. Weather-resistant enclosure. **279-376** 21.95

Solar-Powered Calculators—Never Need Batteries

NEW FOR '83

Card-Size LCD Calculator

Includes Billfold Case

15.95

- *8-Digit Liquid Crystal Display*
- *4-Key Memory*

Radio Shack EC-403. All you need to keep this full-featured calculator working is light! Auto-Constant, square root and percent keys. Memory lets you store and recall numbers. Plus/minus sign change. 3¾ × 2¼ × ¼".
65-901 ..... 15.95

Deluxe LCD With 4-Key Memory

Includes Billfold Case

NEW FOR '83 **17.95**

- *± Sign Change*
- *8-Digit Display*
- *Auto Constant*

Radio Shack EC-402. High efficiency solar cells provide calculating power even in dim indoor light. Four-key memory lets you store numbers, then recall and use them again. Percent and square root keys. 4 7/16 × 2 9/16 × ¼".
65-689 ..... 17.95

Calculations Are Not Lost By Momentary Interruptions of Light

Count on These 8-Digit LCD Calculators for Accuracy and Value

Musical Entry Tone

14.95 NEW FOR '83

A **Radio Shack EC-276.** "Beep" verifies entry. Tone on-off key. Auto power-off, 3-key memory, square root, percent keys. 4 × 2⅜ × 3/16". With batteries. **65-687** 14.95

"Statesman" Super-Thin

10.95 NEW FOR '83 Available Sept. 30, 1982

B **Radio Shack EC-274.** Less than 5mm thin! Three-key memory, auto power-off, square root and percent keys. 4¼ × 2⅜ × 3/16". With batteries.
65-686 ..... 10.95

Value-Priced, Full-Size

9.95 NEW FOR '83

C **Radio Shack EC-204.** Four-key memory. Auto power-off. Square root, percent keys. Operates 10,000 hours on two "AA" batteries (not incl.). 4 13/16 × 2¾ × 11/16". **65-685** 9.95

Deluxe 4-Key Memory

Auto Power-Off Saves Batteries **19.95**

D **Radio Shack EC-273.** Soft-touch keys for easy entry. Square root, percent and sign-change keys. 4 7/16 × 2 7/16 × 9/32". With batteries.
65-683 ..... 19.95

4-Key-Memory "Mini"

Square Root, Percent Keys **10.95**

E **Radio Shack EC-271.** Separate off, on/clear, and clear entry keys. Auto power-off. 3½ × 2 × 7/32". Batteries included.
65-678 ..... 10.95

Low-Price—Full-Function

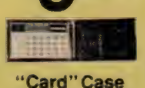
NEW FOR '83 **7.95**

F **Radio Shack EC-203.** A lot of calculating power for very little money. Four-key memory, square root and percent keys. 4 7/16 × 2 7/16 × 13/16". Requires two "AA" batteries.
65-684 ..... 7.95

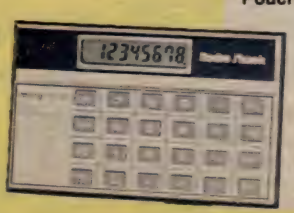
"Mity-Thin" Credit Card-Sized

NEW FOR '83 G **9.95**

G **Radio Shack EC-277.** An incredible price for a full-feature calculator. Three-key memory, square root and percent keys, auto power-off. Measures only 2 × 3⅜ × 3/16"! With batteries.
65-688 ..... 9.95



"Card" Case



RADIO SHACK CALCULATORS ARE COVERED BY A ONE-YEAR LIMITED WARRANTY

LCD Calculators for Business and Professional Use

Powerful Programmable Scientific

39.95

- *7 Memories • 61 Functions*
- *38-Step Programming*

A **Radio Shack EC-4004.** Regression analysis, integrals, and the use of up to 18 nesting parenthesis at six levels. Full floating decimals. Ten-digit mantissa. 5¼ × 2⅞ × ⁸⁄₃₂". With detailed manual, battery. **65-658** **39.95**

Handy Calculator for Financial Work

29.95 *Figures Interest, Annuities, Dates* NEW FOR '83

B **Radio Shack EC-4051.** Does compound interest, loan schedules, annual payments, bonus plans, annuity deferral values, date calculations, and a lot more. Ten-digit LCD display. Auto power-off. 5¼ × 2¹³⁄₁₆ × ⁵⁄₁₆". With detailed manual, battery. **65-995** **29.95**

50-Function Scientific

- *10 or 8-Digit Mantissa*
- *Independent Memory*

31.95

C **Radio Shack EC-499.** All the math power you need for most complex problems. Six levels of parenthesis, and exponents to $10^{\pm 99}$. Random number generator. 5³⁄₁₆ × 2¹³⁄₁₆ × ⅜". With long-life battery. Power-off memory retention. **65-655** **31.95**

42-Function Scientific

NEW FOR '83

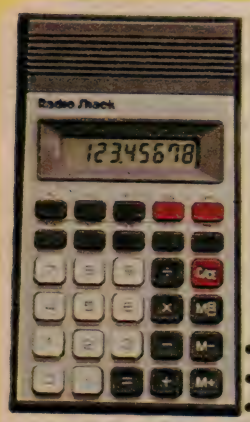
- *Standard Deviation*
- *Random Numbers*

24.95

D **Radio Shack EC-4006.** Value priced! Ten-digit mantissa, eight with two-digit exponents. Six levels of parenthesis, standard deviation, random number generator. Has auto power-off with memory retention. 5⅞ × 3 × ¾". Requires two "AA" batteries. **65-975** **24.95**

Available Sept. 30, 1982

Available Sept. 30, 1982



Versatile Slide-Rule Calculator

15.95

Includes Vinyl Carry Pouch

- *3-Key Memory*
- *Auto Power-Off*
- *Memory Retention*

Radio Shack EC-4005. A fantastic, low-priced math tool that's ideal for students. Advanced features include %, 1/×, x^2, ( ), and π. 5 × 2⅞ × ⅜".Requires two "AA" batteries. **65-659** **15.95**

Metric Conversion Calculator

19.95

NEW FOR '83

Includes Billfold Case

Performs 30 Metric Conversions Quickly

Radio Shack EC-315. Retains memory with power off. Does basic math operations plus metric conversions. Eight-digit display, two memories. Auto power-off. 3³¹⁄₃₂ × 2⅜ × ¼". Includes long-life batteries. **65-697** **19.95**

Low-Cost LCD Scientific For Students

19.95

Includes Billfold Case

- *40 Function Keys*
- *5-Digit Mantissa*

Radio Shack EC-476. Eight-digit display. Independent memory register, automatic constant operations plus degree/radian/grad switch for statistical functions. 5¹⁄₁₆ × 2¾ × ⅜". With long-life batteries. **65-656** **19.95**

Radio Shack Calculators and Copier for Home or Office

LCD Alarm Stopwatch Calculator

NEW FOR '83

29.95

Stopwatch Shows Lap and Total Time To 1/10 Second

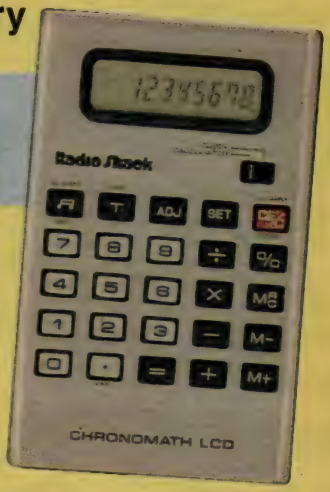
Radio Shack EC-304. A pocket information center! Eight-digit calculator features 3-key memory, percent and decimal keys, and math functions. Display shows time, stopwatch or time/day/date. Easy to set, with PM and alarm-on indicators. $2^{5}/_{16} \times 3^{11}/_{16} \times 1/4$". Includes vinyl case and long-life batteries. **65-694** **29.95**

LCD Calculating Timepiece With Built-In 3-Key Memory

24.95

Includes Handy Billfold Case

- ***Big 8-Digit Display***
- ***24-Hour Alarm Sounds For 15 Seconds***



Radio Shack EC-303. Clock displays up-to-the-second time—hours, minutes and seconds with PM and alarm-on indicators. Or switch to "calculator" with percent and standard math functions. $3^{5}/_{8} \times 2^{1}/_{4} \times 1/4$". Includes long-life batteries. **65-693** **24.95**

Feature-Packed LCD Checkbook Calculator

NEW FOR '83

19.95

- ***Makes Checking Calculations Easy***
- ***3 Separate Memories For Checking and Credit Card Balances***
- ***Checkbook-Size Carry Pouch Also Holds Checks and Pen***

Radio Shack EC-306. Designed with your budget in mind—features deposit, check, charge, payment and balance keys. Also figures percent and standard math problems. Fits easily in pocket or purse. $6^{1}/_{16} \times 2^{27}/_{32} \times 1/4$". Includes long-life batteries. **65-696** **19.95**

Child's Learning Calculator Makes Math Fun

The Ideal Way for Kids Who Can Read To Learn How to Use a Calculator

12.95

Easy-to-Follow Illustrated Booklet

Radio Shack EC-351. Give your youngster a head start with this educational calculator. Makes it a snap for youngsters to learn math basics—they'll be adding, subtracting, multiplying and dividing in no time! Eight-digit liquid crystal display. Colorful, unique styling. $6^{1}/_{4} \times 3^{3}/_{4} \times 3/4$". Requires two "AA" batteries. **65-825** **12.95**

Easy-to-Use Personal Copier Saves You Time and Money

Plugs Into Any AC Outlet

149.95

- ***Produces Sharp Black Images on Bond Weight Paper***
- ***Completely Dry Operation—Uses No Liquids, Powders, or Other Chemicals***
- ***Handy, Easy-to-Follow Instructions on Cover***

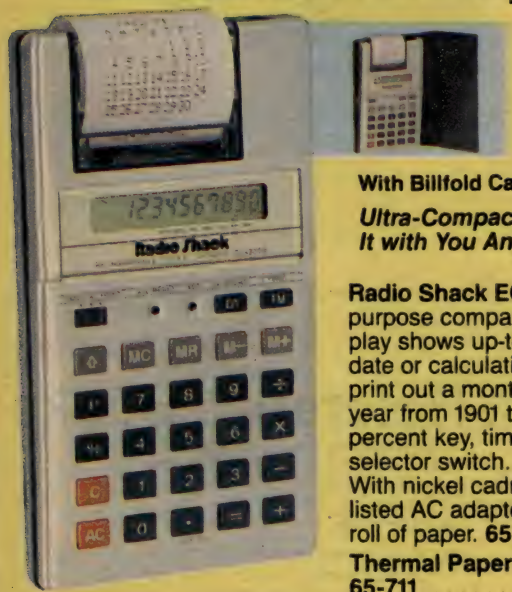
Radio Shack PC-50. The alternative to costly, coin-operated copiers—a desktop model that delivers clean copies with no muss, no fuss. Duplicates virtually anything—important documents, letters, pages bound in books—on paper up to $8^{1}/_{2} \times 11$". Perfect for small offices that need only a few copies a day, or as a supplement to busy large-office copiers. Take it with you on business trips—it weighs just slightly over eight lbs., takes up only two square feet of space and is as easy to carry as a briefcase. Adjustable exposure dial for a good first copy. Beam splitter provides even image distribution. $5^{1}/_{2} \times 14 \times 13^{1}/_{2}$". With sample pack of paper. U.L. listed. **63-2001** **149.95**

Dual Spectrum Copy Paper. For PC-50 and all 3M manual copiers. 100 sheets. **63-2002** **15.95**

RADIO SHACK CALCULATORS INCLUDE A ONE-YEAR PARTS AND LABOR LIMITED WARRANTY

Printing and Desktop Calculators for Instant Answers

Rechargeable LCD Pocket Printing Calculator With Full 4-Key Memory



NEW FOR '83

69.95

With Billfold Case

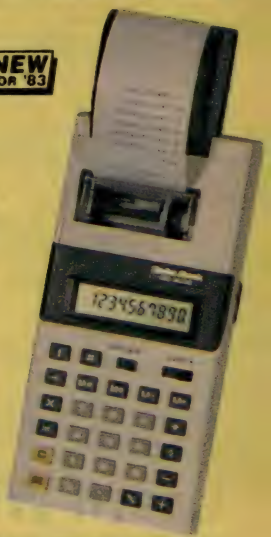
Ultra-Compact Size—Carry It with You Anywhere

Radio Shack EC-3008. A multi-purpose companion! Ten-digit display shows up-to-the second time, date or calculations—you can even print out a monthly calendar of any year from 1901 to 2099. Features percent key, time/calculator/print selector switch. 5 × 2 13/16 × 3/4". With nickel cadmium batteries, U.L. listed AC adapter/recharger, sample roll of paper. **65-665** **69.95**

Thermal Paper. Five rolls. **65-711** **2.19**

Hand-Held LCD Printing Display Calculator

NEW FOR '83



High-Speed Impact Printer Gives You A Permanent Record On Standard Paper

54.95

Radio Shack EC-3009. Lightweight and compact for desktop or portable use. Full of deluxe features—4-key independent memory, 10-digit display, auto constant, percent key, full floating and fixed decimal, paper feed key, print/non-print selector switch. Includes sample roll of paper. 7 3/4 × 2 15/16 × 1 3/4". Requires four "AA" batteries or AC adapter. **65-666** . . . **54.95**

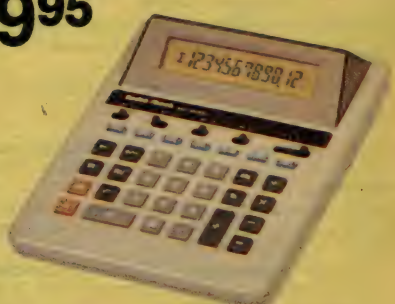
AC Adapter. U.L. Listed. **273-1454** . . **5.95**

Printer Paper. Three rolls. **65-712** . . **1.19**

12-Digit Desktop With Dual Memories

- ***Shift Key for Easy Error Correction***
- ***Double Zero Key***

39.95



Radio Shack EC-2004. Accurate and attractive for a variety of uses. Features round-off, item count, square root and percent of change keys. 2 × 6 1/4 × 7 3/4". Requires two "AA" batteries. **65-663** **39.95**

Deluxe 10-Digit Impact Printing Calculator With 4-Key Memory

89.95

Efficient Ink Roller Printer System Uses Standard Paper

Radio Shack EC-3007. Select display-only or use the printer for a permanent record. Decimal point placement, round-off controls. Features percent, gross profit margin, standard math keys. 2 1/4 × 7 1/2 × 9 1/4". U.L. listed. **65-664** **89.95**

2 1/4" Printer Paper. Three rolls. **65-710** **1.99**

Fluorescent Display Memory Desktop

- ***10-Digit Display***
- ***Gross Profit Margin, Percent of Change Keys***

29.95

Radio Shack EC-2001. Features fixed or floating decimal, auto constant, item and percent keys. Requires two "D" batteries or AC adapter. 1 7/8 × 6 × 6 1/2". **65-660** . . . **29.95**

AC Adapter. U.L. listed. **273-1454** **5.95**

Thermal Paper for Printing Calculators

Type	Fits	Cat. No.	Rolls	Price
2 1/4" w/core	65-645 65-646 65-644 65-643	65-706	3	2.79
1 1/2" w/core	65-647 65-648	65-708	3	1.09
1 1/2" coreless	65-649	65-709	3	1.29
1 1/2" coreless	65-665	65-711	5	2.19

Calculator Stand

Adjustable Angle

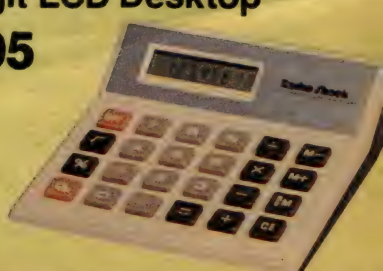
1.99

Adapts handheld calculators to desktop use. Non-slip feet. **65-705** . . . **1.99**

Budget-Priced 8-Digit LCD Desktop

Full-Keyboard Convenience in A Compact Size

19.95



Radio Shack EC-2003. Percent and square root keys, with full floating decimal point. 4 3/4 × 4 3/4 × 1 1/2". Requires two "AA" batteries. **65-662** **19.95**

Learn With Radio Shack's Low-Cost Reference Books

COMPUTER TECHNOLOGY

Understanding Computer Science. Covers hardware, programming and languages—even operating system programs. 256 pages. **62-1383** **2.95**

Understanding Digital Electronics. Explains digital electronic devices, circuits, and systems. 240 pages. **62-2010** **3.95**

Understanding Microprocessors. Learn what microprocessors are and how they can be used. 296 pages. **62-2017** **2.95**

How to Program the Z80. Educational text and self-contained reference to all Z80 instructions. 626 pages. **62-2066** **10.95**

Beginner's Guide to Personal Computers. Explains hardware, computer terms. Illustrated with diagrams and photos. 80 pages. **62-2003** **1.95**

Computer Demonstrator. A cardboard computer! Illustrates basic operation of all computers. With 24-page manual. **62-1080** **3.95**

COMMUNICATIONS

Understanding Satellite Communications Systems. Description of the basic means of electronic communications. 256 pages. **62-2018** **2.95**

Introduction to Antennas. Comprehensive, easy-to-understand guide. Explains how CB, TV, radio, shortwave antennas are designed, how to choose and install antennas. 128 pages. **62-2051** **1.95**

REFERENCE—SERVICE

Tube Substitution Handbook. Up-to-date DIRECT tube substitution guide includes more than 12,000 substitution tubes for all applications. 96 pages. **62-2030** **1.95**

Electronics Data Book. Reference for formulas, laws, math, more. 112 pages. **62-2040** **1.95**

Electronics Dictionary. Definitions and illustrations of 4800 terms. 112 pages. **62-2047** **1.95**

Math for the Electronics Student. How to solve problems in circuits, induction, capacitance, RMS, peak power, power factor, resonance. 112 pages. **62-2057** **1.95**

HIGH TECHNOLOGY

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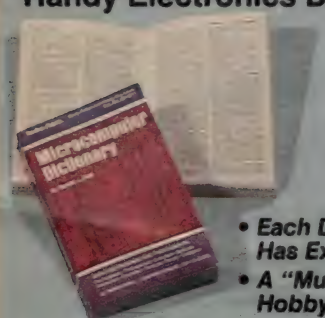

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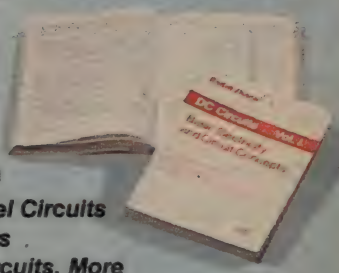

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SEE PAGE 181 FOR BOOKS ON HOW TO TALK TO YOUR TRS-80

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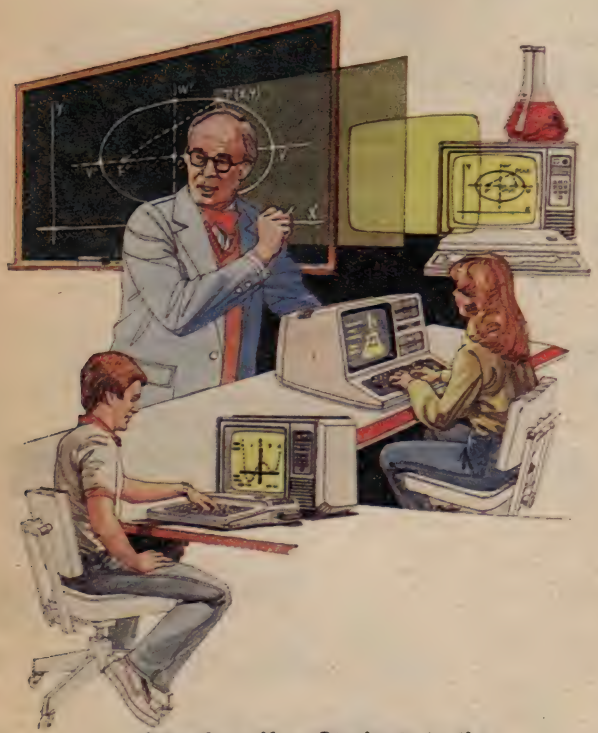

Introduce Your Students to the Computer Age with a TRS-80

The microcomputer in the classroom is an idea whose time has come. So it's not surprising that more and more educators are investigating the impact of computers on the education process with the TRS-80. And Radio Shack can make your ideas a reality with validated courseware for school and home.

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Now Only

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- *Programs in Easy-to-Learn BASIC or Uses Radio Shack's Ready-to-Run Software*
- *1.9K Random Access Memory*
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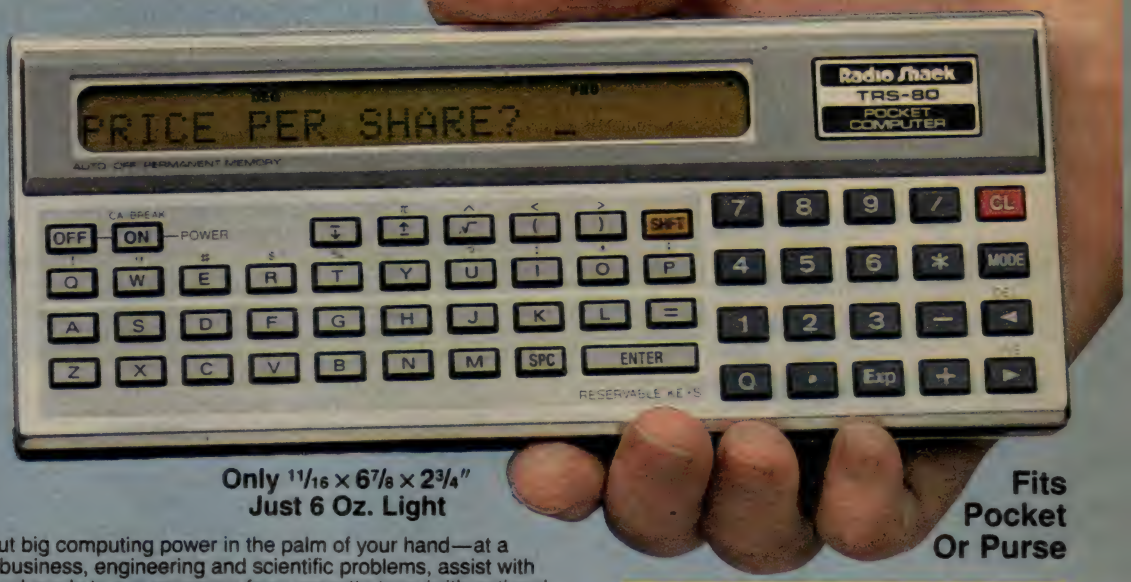

Only 1 1/16 × 6 7/8 × 2 3/4" Just 6 Oz. Light

Fits Pocket Or Purse

TRS-80® PC-1 Pocket Computer. Now put big computing power in the palm of your hand—at a lower-than-ever price. The PC-1 can solve business, engineering and scientific problems, assist with decision-making, teach, even entertain. Load ready-to-run programs from cassette tape (with optional-extra interface and recorder), or program it yourself. 24-character alphanumeric liquid-crystal readout displays one line at a time. Features 15 arithmetic functions, 10-digit numeric accuracy, 2-digit exponents, editing, multiple statements, strings, arrays, and more. Automatic statement compaction squeezes every ounce of memory space. Automatic power-off saves battery life. Complete with batteries, comprehensive manual and quick reference card. **26-3501** **149.95**

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Golf Scoring. Monitors play and computes USGA handicap. **26-3532** **14.95**

*Requires cassette recorder, plus cassette interface or printer/interface.

PC-1 Pocket Computer Printer/Cassette Interface

NEW LOW PRICE **127.95** Was $149.95 In 1982 Catalog

Prints 16 dot-matrix characters per line at one line per second with "wrap-around". Allows saving and loading programs and data on cassette tapes with recorder (below). Includes rechargeable batteries, U.L. listed AC adapter/charger, paper, ribbon cartridge, cassette cable, manual. 1 1/2 × 11 3/32 × 3 3/4". **26-3505** **127.95**

Printer Paper. Six rolls. **26-3506** **1.75**

Ribbon Cartridge. 26-3507 ..... **2.75**

PC-1 Carrying Case

Protect your Pocket Computer and Interface during business trips or field work with this padded vinyl carry case. Pockets hold extra paper, pens, cards. **26-3508** **14.95**

Cassette Recorder

New Low Price! Minisette®-9. Just 1 5/16 × 7 3/16 × 4 9/16". Requires 4 "AA" batteries. Was $79.95 in 1982 Catalog. **14-812** **69.95**

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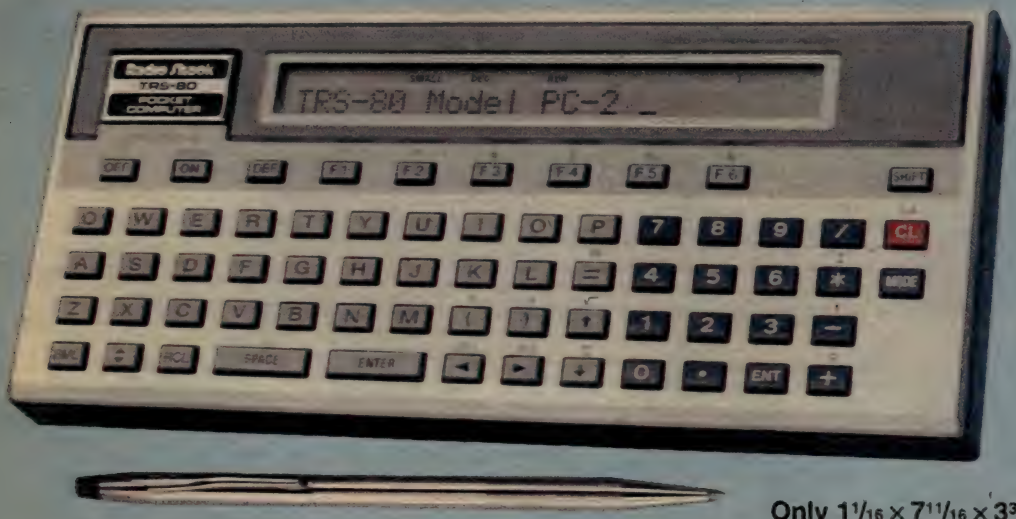
Cassette Interface

New Low Price! Load and save programs and data on cassette tapes. Interlocks with PC-1. 7/8 × 8 1/4 × 3 1/2". Requires 3 "AA" batteries. Was $49.00 in 1982 Catalog. **26-3503** **29.95**

Radio Shack's Most Powerful Pocket Computer Ever!



As Fast As Many Desktop Computers! Expandable, Too!

279.95 NEW FOR '83

- *Uses Extended Pocket BASIC For Speed and Compatibility*
- *Upper and Lower Case Display*
- *Addressable Dot-Matrix Graphics*
- *2640-Character User Memory For Program and Data Storage*
- *Plug-In Slot for Easy Memory Expansion—Either ROM or RAM*

Only 1 1/16 × 7 11/16 × 3 3/8" Weighs Just 14 Oz.

TRS-80 PC-2 Pocket Computer. The new PC-2 puts powerful computing features into the hands of engineers, students, businessmen, professionals—anyone with problems to solve on the go. Its Extended BASIC language includes 42 statements, 36 functions and 6 commands, plus 2-dimension arrays, variable length character strings, program chaining, and many other features. Compatibility with our original Pocket BASIC, allows many programs to be keyed-in and run. Or use the ready-to-run programs designed especially for the PC-2 (below right). For big jobs, you can expand with 4K or 8K of additional RAM through a plug-in module.

Expands externally through 60-pin I/O connector. The 156 × 7 dot-matrix Liquid Crystal Display is fully dot addressable to produce symbols and special characters. The 65-key keyboard has both a typewriter layout and 10-key datapad. There are 18 programmable key functions and 18 user-definable label keys as well. The quartz real-time clock is accessible from both the keyboard and BASIC. There's even a programmable, variable-tone beeper! All memory information is retained when power is off. Requires 4 "AA" batteries. **26-3601** **279.95**

PC-2 Printer/Plotter/Cassette Interface Prints 4 Colors, Controls 2 Recorders

NEW FOR '83 **239.95**

- *Prints in Green, Red, Blue and Black*
- *Full XYZ-Axis Graphics With Special BASIC Statements for Drawing and Plotting*
- *Store and Load Data With Two Cassette Recorders*

This incredible accessory turns your PC-2 into a powerful, completely portable computer system. You get fabulous four-color graphics, plus upper and lower case alphanumeric printouts in 9 character sizes. Prints 256 × 4096 graphics with easily replaceable ballpoint pens. Adds 25 commands and statements to PC BASIC to make plotting easy. Dual cassette operation allows data to be read in from one cassette, updated and stored on a second cassette—all automatically under program control. Makes automatic data logging and program overlays easy! And there's a built-in 60-pin I/O connecter for future expansion. Built-in rechargeable batteries also power the PC-2. Uses inexpensive 2 1/4" cash-register type paper. Includes U.L. listed AC adapter/charger, paper, pens, cassette cables and manual. **26-3605** **239.95**

Printer Paper. Package of 6 rolls. **26-3606** **2.49**

Replacement Pens. Three black. **26-1480** **2.95**

Replacement Pens. One each: red, blue, green. **26-1481** **2.95**

Increase PC-2 Memory With Plug-In Modules

NEW FOR '83 Low As **69.95**

Handle Larger, More Complex Programs

Individual modules are not expandable.

4K RAM. 26-3615 ..... **69.95**

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Ready-to-Run PC-2 Software*

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PC-2 Games Pak. Sound Off, Hangman, Battleship, Football, Moonlander, Blackjack, Twister, Tic-Tac-Toe, Scratchpad. **26-3702** **14.95**

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*Avail. Nov. '82. Requires cassette recorder and printer/interface.

PC-2 Printer Carrying Case

NEW FOR '83 **29.95**

Holds Printer (with PC-2 installed) and AC adapter/charger. Keeps pens, paper, manuals, and cassettes organized. **26-3608** **29.95**

Use Only Genuine TRS-80® Computer Accessories

TRS-80 Computer Tapes and Diskettes Are Certified for Excellence

Reliability, Compatibility and Quality Are Assured

Cassette Tapes

C-20. Leaderless. **26-301** **3.79**
C-10. With standard leader. **26-302** **1.79**

5¼" Diskettes. Single-sided, soft sector, 40-track.

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8" Diskettes. Single-sided, double-density, 77-track, soft sector.

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NEW! 8" Diskettes. Double-sided, double-density for Model 16.

Diskette 10-Pack. 26-4960 . . **69.95**

You can afford to keep extra disks handy when you buy in quantity!

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Low As 5.95

Protects Floppies

Easy-to-use. Prevents bending.
5¼". 26-1317 . . . . . **Pkg. of 5/5.95**
8". 26-4954 . . . . . **Pkg. of 5/7.95**

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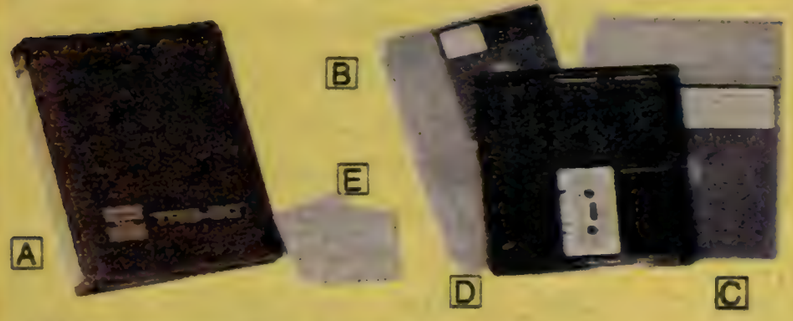

Ⓐ **Universal Binder.** 3-ring binder for cassette holders and diskette envelopes. **26-1310** **5.95**

Disk Envelopes. Convenient, safe storage.
Ⓑ **5¼". 26-510** . . . . . **Pkg. of 10/7.95**
Ⓒ **8". 26-4907** . . . . . **Pkg. of 10/7.95**
Ⓓ **Cassette Holder.** Stores 6 cassettes. Fits 3-ring binder. **26-1311** . . . . . **Pkg. of 2/4.95**
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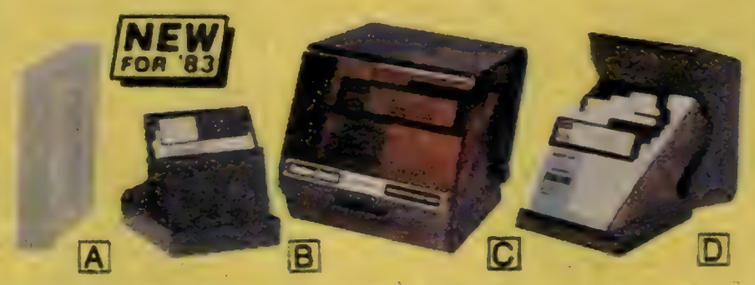
Handy Diskette Storage Boxes



Pop-out easel front lets you flip through up to ten diskettes. Index visible open or closed.
Ⓐ **8" Diskette Storage Box. 26-4956** **5.95**
Ⓑ **5¼" Diskette Storage Box. 26-1321** **4.95**

If you have lots of disks to keep track of, our larger desktop box is for you! Each holds 50 diskettes. Index dividers for easy retrieval.
Ⓒ **8" Diskette File Box. 26-4953** . . . **39.95**
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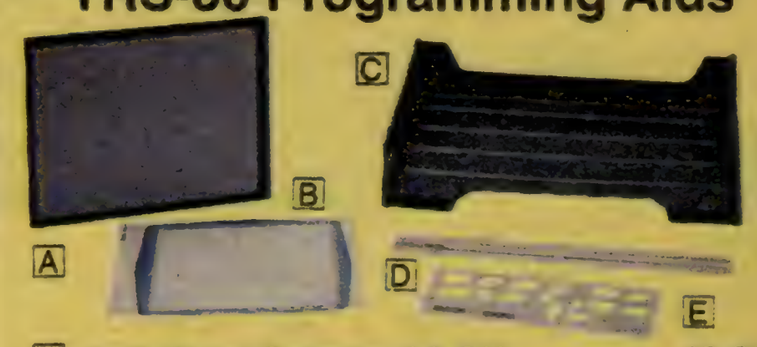
TRS-80 Programming Aids



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29.95 Each

Helps Maintain Data Integrity

Clean drive heads easily, safely. Includes two cleaning disks, one bottle cleaning solution.
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34.95

Holds 16 Program Paks Or Cassette Boxes

Keep your Color Computer Program Paks or boxed cassettes neatly filed and indexed. **26-1314** **34.95**

Deluxe Non-Glare Panel

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Reduces Reflection By 94 Per Cent!

Optically-coated tempered glass. Helps prevent eyestrain. Easily attaches to Model I, II, III, 16. **26-1457** **29.95**

Power Line Filter

49.95 ***Limits AC Power Line Interference***

Effective dual-section design. Eight outlets controlled by single switch. U.L. listed. **26-1451** **49.95**

Reduce Harmful Static

Kit 12.95

Spray 5.95

Keep Screen Free of Smudges

Screen Cleaner and Anti-Static Kit. Cleaning action adds anti-static protection without harming non-glare panel or CRT. Includes 50 pre-wet wipes and lint-free cotton cloth. **26-1318** **12.95**

Anti-Static Spray. Use on carpet, etc. to eliminate problem-causing static. **26-515** **5.95**

Parallel Printer Switch

119.95

SW-302. Dual parallel ports let you connect two printers to one computer—or two computers to one printer. Power-on LED. 5 × 7½ × 4". U.L. listed AC power module. **26-1498** **119.95**

RS-232C Selector Switch

149.95

SW-303. Connect three RS-232C devices to one port. Communications configurable. One programmable and two switched ports. 5 × 7½ × 4". U.L. listed AC power module. **26-1499** **149.95**

Auto Control Power Strip

69.95

SW-301. Automatically turns on up to 5 peripherals when you power on your Model II, III or 16. Two-stage transient protection. 2¾ × 8½ × 4". U.L. listed. **26-1429** **69.95**

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Accessories to Make Your TRS-80 Even More Versatile

Low-Cost, Fully-Addressable Dot-Matrix Printer

NEW FOR '83

399.00

- *Produces High-Density Graphics Printouts*
- *50 CPS—Faster Than Ever at This Low Price*

DMP-100. Gives you detailed printouts of Color Computer screen displays (with optional screen print program). Prints 5 x 7 dot-matrix upper and lower case characters on an 8" line, with underline. Select 10 characters per inch (80 columns at 27 lines per minute) or expanded at 5 cpi (40 columns). Adjustable tractor, 4½ to 9½". Uses 9½" one-ply fanfold paper. Serial and parallel interface for any TRS-80. 5 5/16 x 16 x 8¼". Includes ribbon cartridge. U.L. listed.
26-1253 ..... **399.00**

Printer Accessories

DMP-100/CGP-115 Cables
For Model III. 26-1401 ..... **39.00**
For Color Computer. 26-3020 .... **4.95**

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Ribbon. 26-1424 ..... **8.95**
Fanfold Paper. 26-1423 ..... **8.95**

CGP-115 Supplies
Roll Paper. 26-1428 ..... **3/4.95**
Black Pens. 26-1480 ..... **3/2.95**
Colored Pens. One each: red, blue, green. **26-1481** **2.95**

Incredibly-Priced Four-Color Graphic Printer

NEW FOR '83

249.95

Serial and Parallel Interfaces—Use With Any TRS-80

- *Ultra-Compact Size*
- *Uses Replaceable Ink Cartridges*

CGP-115. Create beautiful graphics in red, blue, green and black, plus print alphanumerics. Built-in commands simplify drawing and plotting. Text mode prints 40 or 80 characters per line at 12 characters/sec. Software controls additional character sizes and rotation. Graphics resolution: 0.2mm/step. Plotting range: X-axis—3¾", Y-axis—no limit. Uses standard 4½"-wide roll paper. 2 15/16 x 8¼ x 8½". U.L. listed.
26-1192 ..... **249.95**

When It Comes to TRS-80 Accessories—Come to Radio Shack

Plug 'n Power™ Remote Controller

39.95

Uses Existing AC Wiring

Control up to 256 lights and appliances with Model I, III or Color Computer. Requires remote modules (sold separately, see page 106). U.L listed.
26-1182 ..... **39.95**

Computer Communication By Phone With a Radio Shack Modem!

- *Connects Directly to Telephone Line*
- *Use With Any RS-232-Equipped TRS-80*
- *300 Baud Rate • FCC Registered*

Access information networks and transfer data and programs over phone lines.

A **Direct-Connect Modem** II. Our best! Program it to automatically dial and answer, receive and transmit data, even hang up the phone. LED mode indicators. U.L listed AC power module. **26-1173** **249.00**

B **Direct-Connect Modem** I. Our most affordable telephone interface. U.L. listed AC power module. **26-1172** **149.00**

A

Direct-Connect Modem II
249.00

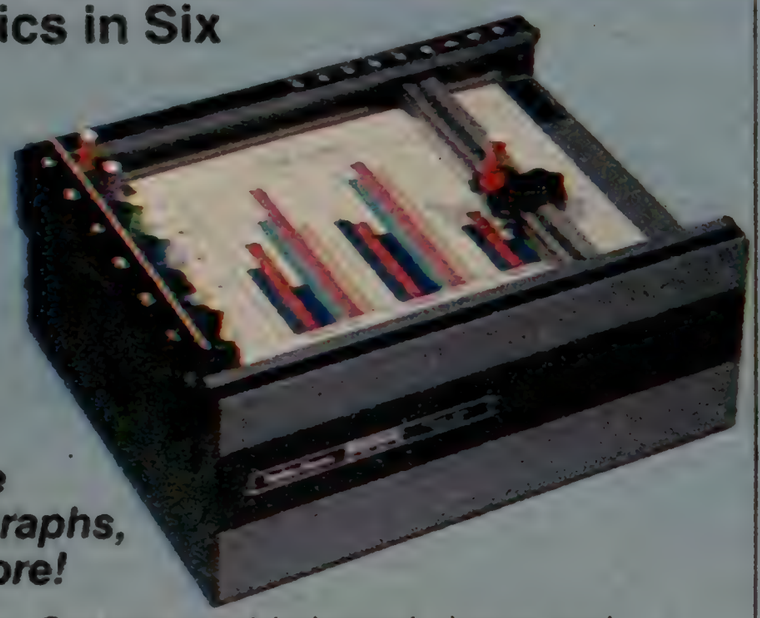
Direct-Connect Modem I
B **149.00**

Multi-line use requires optional controller.

Impressive Graphics in Six Brilliant Colors!

Let Color Add A Vivid New Dimension to Presentations

1995.00



Produce Colorful Line and Pie Charts, Bar Graphs, Designs And Much More!

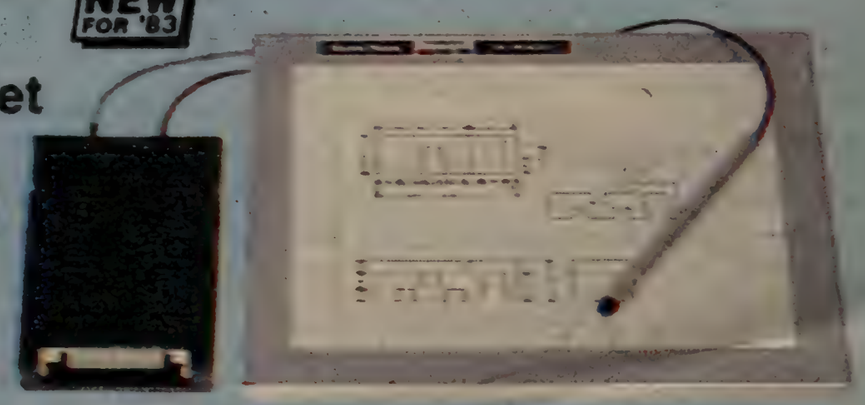
TRS-80 Multi-Pen Plotter. Creates sophisticated charts and graphs. Prints upper and lower case alphanumerics in nine sizes, too. Plot size: 7 x 9¼". Resolution: 200 increments/inch. Includes disk software to draw, save and recall designs. RS-232 interface. 6 x 13½ x 10½". U.L. listed. **26-1191** **1995.00**

TRS-80 Color Computer Graphics Tablet

NEW FOR '83

349.95

Controller Plugs Into ROM Slot

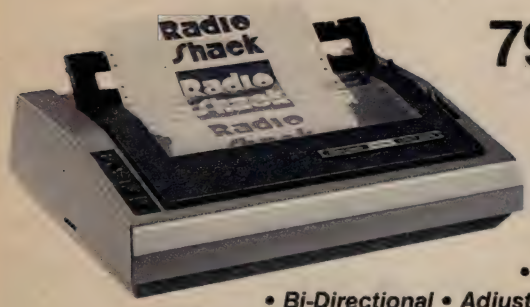


- *100 Points per Second Output for High-Speed Drawing*
- *Directly Compatible With Computer Graphics Capability*

TRS-80 X-Pad. Instant graphics at just the touch of a pen! Use pen for drawing or stylus for tracing—X-Pad reads the design into your Color Computer. Accesses Extended BASIC graphic commands. Writing area: 7 x 9". Menu area: 8 x 9". Form size: 8½ x 11". Pad size: 11 x 13". **26-1196** **349.95**

TRS-80® Printers for Business or Personal Needs

The Versatile DMP-200



799.00

NEW FOR '83

- *8-Inch Line*
- *Bi-Directional • Adjustable Tractor*
- *120 cps at 10 cpi • 44 Full Lines per Minute*

Eight-inch line prints 80 columns at 10 pitch, 132 characters at 16.7. Features selectable parallel and serial interfaces (600/1200 baud). Prints original plus two copies. Also accepts 8½" roll paper. Line feed in 1/6, 1/8, 1/72 increments. On/Off Line, Restart and Paper Feed controls. Power-On indicator. 5 × 16½ × 13½". U.L. listed. **26-1254** **799.00**

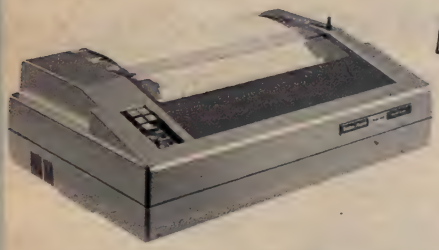
Feature-Packed Dot-Matrix Printers

- *Built-In Graphics Capability at No Extra Cost*
- *Bi-Directional Logic-Seeking 9-Wire Print Heads*
- *Print Lower-Case Descenders and True Underlines*

These three new dot-matrix printers offer incredible versatility and value. Each one includes a Word Processing mode to emulate Daisy Wheel features. Includes proportionally-spaced correspondence character sets, backspacing, bold face and underlined characters, superscripts and subscripts. A Bit Image (dot addressable) mode allows impressive graphics, and a Data Processing mode provides for most efficient computer output. Elongation mode doubles character size. All use cut sheets or standard fanfold paper with the adjustable tractor feed. Mode and pitch are switch or software selectable.

GENERAL SPECIFICATIONS. Character Set: 96 ASCII, 32 special and 30 block graphics characters. **Print Density:** 10, 12 or 16.7 characters per inch (cpi) in either a 9 × 9 or 15 × 9 dot matrix. **Resolution:** 60 dots per inch at 10 cpi; 72 dots per inch at 12 cpi; and 100 dots per inch at 16.7 cpi. **Buffer:** 2K RAM. See each printer description for specific features.

All-Business, Hard-Working DMP-500



NEW FOR '83 **1795.00**

- *13.2-Inch Line*
- *Lowest Price Ever for High Performance Heavy Duty Design*
- *High-Speed—220 cps*

Ideal for business use. Prints 78 132-column lines per minute. Removable tractor adjusts from 4" to 15". Line feed in 1/6, 1/8, 1/72, 1/216 increments. Paper Feed and Form Feed controls. On-Line indicator. Parallel interface. 7 11/16 × 24 5/8 × 15 7/8". U.L. listed. **26-1252** **1795.00**

Affordable, High-Performance DMP-400

1195.00

NEW FOR '83

- *13.2-Inch Line*
- *Prints 140 cps at 10 cpi*
- *52 Full Lines per Minute*

Selectable parallel and serial interfaces (600/1200 baud). Prints original plus two copies. Line feed in 1/6, 1/8, 1/72, 1/216 increments. Adjustable, removable tractor. Paper Feed and Form Feed controls. On-Line indicator. 4 11/16 × 15 3/8 × 11". U.L. listed. **26-1251** **1195.00**

TRS-80 Word Processing Printers for Executive-Quality Correspondence

The Cost-Effective DWP-410 Daisy Wheel

1495.00

NEW FOR '83

- *Ideal for Use With SCRIPSIT™ Word Processing*
- *Selectable Print Densities*

Print "letter-perfect" originals at over 300 words per minute, up to 163 characters per line. Switch selectable print densities (10 or 12 cpi, or proportional pitch). Nominal 25-30 cps. Interchangeable 124-character print wheels snap in easily for different type faces. 15-inch platten. Comes with Courier 10 print wheel and carbon ribbon cartridge. 8 × 23 × 13". U.L. listed. **26-1250** **1495.00**

Bi-Directional Tractor Feed. 26-1459 . . . . . **239.95**

The Popular Daisy Wheel II Printer

1995.00

- *Prints Over 500 Words per Minute*
- *Crisp, Clean "Electric Typewriter Look"*

High-speed "letter-quality" printer! Interchangeable print wheels let you print with style. Switch selectable print densities—10 or 12 cpi or proportional spacing. Nominal 43-45 cps. 15-inch platten. With Courier 10 print wheel and carbon ribbon. 8 × 24½ × 15½". U.L. listed. **26-1158** **1995.00**

Bi-Directional Tractor Feed. 26-1447 . . . . . **289.95**

RIBBONS AND SUPPLIES FOR ALL TRS-80 PRINTERS ARE AVAILABLE AT YOUR NEARBY RADIO SHACK

TRS-80 is the World Leader in Personal Computers

Cut $400! TRS-80 Model II Computer

NEW LOW PRICE! **3499.00** Was $3899.00 In 1982 Catalog

Our most popular business computer is a *multi-purpose* workstation. It's ideal for accounting, word processing, management planning, and can even be outfitted for communications with mainframe computers. Model II features 64,000-character internal memory with a built-in double-density 8" disk drive for 416,000 characters of storage. Add up to three external disk drives—each stores another 486,000 characters. Upgrade Model II to the 16/32-bit processing power and 128K memory of our new Model 16 with Enhancement Option. U.L. listed.
26-4002 ..... **3499.00**

Model 16—The Fastest, Most Powerful TRS-80 Ever!

NEW FOR '83

4999.00 ***Dual-Processor Design Features MC68000 16-Bit and Z-80A 8-Bit Microprocessors***

Minicomputer performance in a desktop system! Designed around a state-of-the-art 16/32-bit microprocessor, Model 16 accepts 16-bit data and processes it internally as 32-bit "words". Dual processor design permits immediate compatibility with Model II software. And with one or two remote terminals, Model 16 becomes the hub of a *multi-user* office system! Standard 128K internal memory expands in 128K-byte increments up to 512K. Features built-in 1.25-million-character 8" disk drive (expand to over 33 megabytes with hard disk storage), high-resolution 12" green video display with 24 lines of 80 characters and detachable typewriter keyboard. U.L. listed.
128K 1-Disk. 26-6001 ..... **4999.00**

8.4 Megabyte TRS-80 Hard Disk System

4495.00

Our Hard Disk System adds over 8.4 million bytes of storage to your Model II or Model 16 microcomputer. Winchester technology assures reliable, fast transfer. Expand with up to three "secondary" Hard Disk Drives for over 33 megabytes of storage. Most Model II and Model 16 programs transfer directly to hard disk. Uses all current TRSDOS library commands, plus new utilities. U.L. listed. Installation required—not included. **26-4150** **4495.00**

Full-Featured DT-1 Video Data Terminal

699.00

Ideal for Use With Mainframe Computers Or TRS-80 Model 16 Multi-User Office System

NEW FOR '83

A truly deluxe terminal! Features convenient configuration selection from the keyboard of four popular, standard terminals. A revolutionary, non-volatile memory retains terminal configuration even when power is off—and without batteries! Integral 70-key keyboard with 12-key data-pad, 12"-diagonal 80 x 24 display. U.L. listed. **26-6050** **699.00**

Come In for Your New TRS-80 Catalog—Ask for "RSC-8"

FREE—Our new full-color, 56-page catalog includes detailed information on the exciting line of TRS-80 computers, accessories and software. Available in September at your nearest Radio Shack store, Computer Center or participating dealer.

New Low Prices on Radio Shack TRS-80® Model III Desktop Business Computers

48K 2-Disk
2295.00
Was $2495.00 in 1982 Catalog

48K 1-Disk
1849.00
Was $1995.00 in Cat. RSC-7

- ***Most Affordable Business TRS-80 • Compact Design***
- ***Choose One or Two Built-In Mini-Disk Drives***
- ***Printer Interface • Add Ready-to-Run-Software***

Model III Desktop Computer. This is the ideal personal computer for the busy manager. With our ready-to-run business software, Model III can streamline your working day. Use it for word processing (with an optional printer), electronic filing, time management, forecasting and planning, and more. Features double-density mini-disk drives that add up to 368K of on-line data storage. Expand with the new Model III Hard Disk System or two more external floppy disk drives for even more storage. Just add a modem and cable to the RS-232C Serial Interface to communicate with other computers over phone lines. Comes with Disk BASIC and TRSDOS operating system, owner's manual and comprehensive programming manual. 12½ × 18⅞ × 21½". U.L. listed.

48K 2-Disk. 26-1066 ..... **2295.00**

48K 1-Disk. As above, but without RS-232C.
26-1065 ..... **1849.00**

New! Hard Disk System for Model III/I

Avail. Nov. 15, 1982

2495.00
Primary Drive

1995.00*
Secondary Drive

- ***High-Speed Access to 5 Million Characters of Stored Data***
- ***Add Up to 3 Secondary Units For 20 Megabytes Total Storage***
- ***Compatible With Most Existing Model I and III Software***

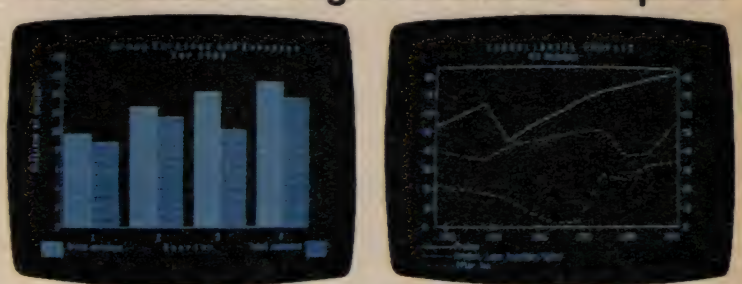
Ideal for large business applications like inventory or electronic filing. Advanced Winchester technology assures reliable and fast data access. Existing programs transfer easily to hard disk, and most can be executed immediately. The operating system enhances familiar TRSDOS commands and includes print spooling, the ability to read and update diskette files, and much more. Files can be as large as the available space on the drive. BACKUP utility allows selection of files modified since last backup and allows backup of large files to multiple diskettes. U.L. listed.

Primary Drive. I/III Ⓐ Includes Hard Disk Operating System with BASIC and manual. **26-1130** **2495.00**

Secondary Drive. I/III Ⓐ **26-1131** **1995.00***

Model I Adapter Kit. Includes adapter, cable and diskettes. Requires Expansion Interface, 32K memory, and Disk BASIC. May require installation (not included). **26-1132** **39.95**

New! Model III High-Resolution Graphics



- ***For Business, Engineering or Entertainment***
- ***153,600 Pixels (640 × 240) • Easy-to-Use Graphics BASIC***
- ***Assembly Language Subroutines for Use With Other Languages***
- ***Quickly Draws Lines and Fills in the Spaces***

Turn your Model III video display into a "sketch pad" to create sophisticated business tables, charts, maps, graphs, illustrations, geometric patterns and more. Includes memory board with 32,000 characters of memory, manual and diskette. Requires 48K 2-Disk Model III only.
26-1125. Available 12/30/82 ..... **369.95***

*Installation Required (not included)

Price Cut! Save $50 on Model III Disk Drives

Disk Drive Kit 1. Internal. Includes TRSDOS, Disk BASIC and manual. Was $849.00 in 1982 Catalog. **26-1162** **799.00***

Disk Drive Kit 2. Internal. Was $399.00 in 1982 Catalog. **26-1163** **349.00***

Disk Drive Kit 3. External. Was $499.00 in 1982 Catalog. **26-1164** **449.00**

Disk Drive Kit 4. External. Also Drive 2, 3, and 4 for Model I. Was $499.00 in 1982 Catalog. **26-1161** **449.00**

SOME COMPUTER ITEMS MAY REQUIRE SPECIAL ORDER AT MOST STORES

Model III Disk Software—Especially for Managers

Word Processing

NEW! SuperSCRIPSIT™. I/III[C] Our most powerful word processing program for Model I and III! Prepare and edit memos, letters and reports right on the video screen, then print as many correction-free originals as you need. Features include proportional-spaced printing, multiple line spacing (including half-space), multiple paragraph formats within documents, underline, double underline, boldface, super and subscript, multiple columns, "help" facility, and more. Ten user-defined keys—each commanding up to 127 pre-defined keystrokes—can be used to recall frequently used words, phrases or commands. Includes training manual and audio cassette course with reference manual. **26-1590** **199.00**

SCRIPSIT™. I/III[A] Our standard, disk-based word-processing program. **26-1563** **99.95**

SCRIPSIT Spelling Dictionary. I*/III[A] Quickly and automatically checks your SCRIPSIT or SuperSCRIPSIT documents for spelling errors, highlighting any words that fail to match its 73,000-entry dictionary (34,000 with Model I). Add words of your own, too. **26-1591** **149.00**

Data Base Management

Profile™ III Plus. III[D] Our most versatile electronic filing program. Stores up to 700 records on a 2-disk data base, 2400 with 4 disks. Create 99 fields per record. High speed access using up to 36 fields as search criteria. A math package performs arithmetic operations and updates other fields. Tailor five data entry screens to match your needs. Prints custom reports and mailing labels. Merges with VisiCalc and SuperSCRIPSIT. **26-1592.** Available 11/15/82 . . . . . **199.00**

Profile. I/III[A] Our popular, original filing program. **26-1562** **79.95**

Versafile. I/III[A] Our simplest, low-cost system. **26-1604** **29.95**

Financial Planning, Forecasting and Analysis

Enhanced VisiCalc®. III[C] Creates an "electronic" columnar pad. Enter your figures and formulas for calculation. VisiCalc will do all the math. Change any value and every related number is updated instantly. Enhancements include formula editor, plus logical comparison operators. **26-1569** **199.00**

VisiCalc. I[A] Standard version. **26-1566** **99.95**

Desktop/Plan™-80. III[C] Guides you from model development to final printed reports. Consolidates sub-models. Interfaces with VisiCalc. **26-1594** **199.00**

Standard & Poor's STOCKPAK™ System. I/III[B] Helps review a 100-security portfolio and track dividends. **26-1507** **49.95**

Business, Accounting and Inventory

Business Checkwriter™. III[B] New, simplified check recording system. Distributes checks to multiple expense codes. Prints checks and detailed stubs, too. **26-1585** **149.95**

General Ledger I. I/III[B] **26-1552** **99.95**

Inventory Control I. I/III[B] **26-1553** **99.95**

Accounts Payable. I/III[B] **26-1554** **149.95**

Accounts Receivable. I/III[B] **26-1555** **149.95**

Disk Payroll. I/III[B] **26-1556** **199.95**

Business Mailing List. I/III[B] **26-1558** **99.95**

Manufacturing Inventory Control. I/III[B] **26-1559** **199.95**

Hardware Requirements for Disk Programs

I = TRS-80 Model I only
III = Model III only
I/III = Model I and III

[A] 32K 1-Disk System
[B] 32K 2-Disk System
[C] 48K 1-Disk System
[D] 48K 2-Disk System

* Requires 3-Disk System on Model I with SuperSCRIPSIT.

TRS-80 Manager Series

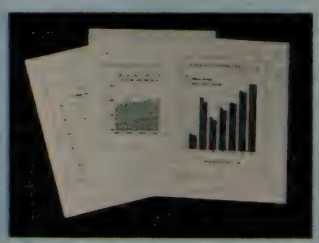
Helps You Manage Your Business Day

- *Easy-to-Use—No Computer Programming Needed*
- *Keep Accurate Track of Priorities and Expenses*
- *Manage Information on Personnel, Customers, Prospects, Projects and Clients*
- *Create Charts of Time, Tasks and Resources*
- *Quickly Transfer Information Between Programs*

Time Manager™. I/III[D] A personal calendar/reminder and electronic notebook. Helps you organize your time and business information, plus create permanent records. Automatically prepares a "to do" list that transfers uncompleted items to the next day. Searches for appointments, phone calls, etc. by keyword or category. Totals hours, job costs, business expenses. **26-1582** **99.95**

Personnel Manager™. I/III[D] Organizes information on business contacts, clients and employees—including schedules and salaries. Files can be searched for a specific person, company, product or service by pre-determined categories. Prepare lists by selected categories, too. **26-1581** **99.95**

Project Manager™. I/III[D] Graphically displays a project several ways for evaluation and scheduling. View by time, sequence, personnel, materials, or resources. See effects of changes quickly and accurately. Important dates appear on Time Manager calendar. **26-1580.** Available 10/30/82 . . . **99.95**



New! Business Graphics Analysis Pak

III[D] Present your information visually. Allows easy creation and editing of pie, bar, line or scatter charts. Use with most TRS-80 printers and 6-pen plotter. **26-1597.** Avail. 11/15/82 . . **174.95**

Disk Games

ZORK™. Explore an exciting fantasy world! Survive on your wits and courage in an alternate universe of mystery, monsters and magic.
Model III. III[A] **26-1951** . . . **39.95**
Model I. I[A] **26-1950** **39.95**

XENOS™. I/III[A] Explore a deserted town searching for the alien force that has taken over! **26-1955** **24.95**

Monty™ Plays Monopoly®. III[A] Requires boardgame. **26-1952** **34.95**

Monty™ Plays Scrabble®. III[A] Requires boardgame. **26-1954** **34.95**

Advanced Programming Languages/Aids

COBOL. I/III[D] **26-2203** **199.00**

Compiler BASIC. I/III[D] **26-2204** **149.00**

FORTRAN. III[D] **26-2200** **99.95**

FORTRAN. I[B] **26-2201** **99.95**

Editor/Assembler, Series I. I/III[A] **26-2013** **34.95**

Programming Courses

Model III BASIC Course. III[B] Eight self-paced lessons on diskettes that teach you to program. **26-2010** **29.95**

Model III Disk Course. III[B] Four self-paced lessons covering Disk BASIC and TRSDOS. **26-2014** **29.95**

Start Computing With the Affordable TRS-80® Model III

Expansion covers simulate disk drives.

Level I BASIC **699.00**

Model III BASIC **999.00**

- *Compact, Self-Contained Desktop Unit*
- *Huge Library of Ready-to-Run Software*
- *65-Key Keyboard With 12-Key Datapad*
- *High-Resolution 12" Monitor*
- *Displays 16 Lines of 64 Characters*
- *Printer Interface • Expands Easily*

4K Level I BASIC. The affordable personal computer that's perfect for beginners—it's easy to use and hard to outgrow! Features 4000 characters of internal memory, a typewriter-style keyboard, and a 12-key datapad for fast numerical entry. Displays crisp upper case characters. Expand later with Model III BASIC and more memory (up to 48K), a printer and up to four disk drives—two internal and two external! With an optional cassette recorder, you can use ready-to-run programs from our huge software library or write your own programs in Level I BASIC. Floating decimal point, 6-digit numerical accuracy, single-dimension arrays, and more. Easy-to-use manual helps you learn programming. U.L. listed.
26-1061 ..... **699.00**

16K Model III BASIC. For more features, accuracy and computing power, start with 16K memory and advanced Model III BASIC. Get all the features above, plus 32 or 64 upper and lower case characters per line, repeating keys, a real time clock, and fast 1500-baud and 500-baud (to use most TRS-80 Model I, Level II programs) cassette loading. There's 16-digit accuracy, multi-dimension arrays, a program line editor, and more. Model III can easily expand into our powerful desktop business computer (see page 178)! Includes owner's manual and entertaining "Getting Started With TRS-80 BASIC" manual. U.L. listed.
26-1062 ..... **999.00**

Expand Model III as Your Needs Increase

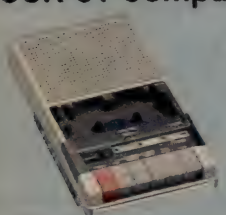
New Low Price! 16K RAM Kit. Add more memory to your Model III. Up to 48K of internal memory with additional kits. Was $99.00 in 1982 Catalog.
26-1102 ..... **49.00**

Model III BASIC ROM and 16K RAM Kit. Upgrade 4K Level I to 16K RAM, plus advanced Model III BASIC language. **26-1121** **299.00**

RS-232C Serial Interface Kit. Lets you use serial devices, such as a modem to communicate with other computers over the phone. Includes cable.
26-1148 ..... **99.00**

Computer upgrade kit prices do not include required installation charges.

CCR-81 Computer Recorder



Store Programs And Data On Cassettes

NEW FOR '83

59.95

Designed for Model III, Color Computer or Pocket Computer. Cable included. U.L. listed AC operation or 4 "C" batteries (not incl.). **26-1208** **59.95**

Model I Expansion Options

NEW FOR '83

149.95

Increase the Disk Storage of Model I

TRS-80 Model I Double-Density Disk Kit. Expands the disk capacity of your Model I and adds many of the advanced features of Model III TRSDOS and Disk BASIC. For 35 or 40-track drives. Includes operating system manual, adapter and Double-Density TRSDOS diskette.
26-1143 ..... **149.95**

RS-232C Interface Board. Includes manual, cable, and terminal program. **26-1145** **99.00**

Prices do not include required installation.

Computers and printers not included.

Model III Desks and Stands

Low As **65.00**

- *Attractive*
- *Sturdy*

A **System Desk.** Contemporary style for office use. Unassembled. 27 x 48 x 27".
26-1305 ..... **179.00**

Disk Bay. Attaches under System Desk. Holds two external drives.
26-1306 ..... **29.00**

B **Universal Printer Stand.** Matches System Desk. Easy assembly. 27 x 23½ x 19".
26-1308 ..... **99.00**

C **Space-Saver Desk.** Low-cost for home or school. Unassembled.
27 x 32¾ x 23¾". **26-1307** **65.00**

Model III Cover. Durable vinyl with reinforced stitching. **26-506** **7.95**

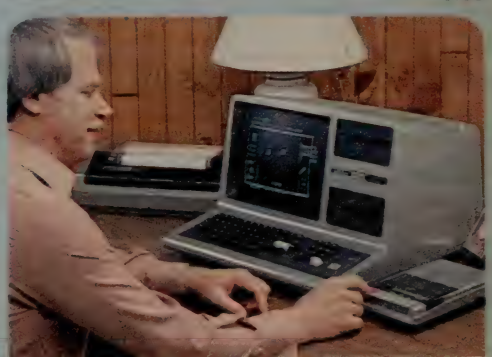
Model III Reference Books

Getting Started With TRS-80 BASIC. Ideal for beginners. 300 pages. **26-2107** **6.95**

Model III Disk System Owner's Manual. **26-2111** **6.95**

Model III Reference Manual. 26-2112 ..... **5.95**

Model III Technical Reference Manual. **26-2109** **9.95**



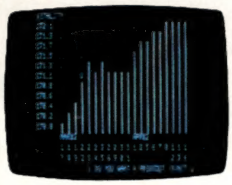
Model III "Starter" System

1496.95 Complete System Price

This system is perfect for hundreds of uses—from education to engineering to entertainment. Features the 16K TRS-80 Model III (26-1062, $999), CCR-81 Computer Cassette Recorder (26-1208, $59.95), DMP-100 Printer (26-1253, $399), and Printer Cable (26-1401, $39).

Low-Cost Cassette Software for TRS-80 Model III/I

Personal and Financial



Trendex Stock Trend Analysis. Provides trend change indications for short, medium and long term periods based on formulas used by professionals. For trend recognition only, not investment counsel. (II or Disk.)
26-1509 . . . . . **49.95**

Budget Management. Up to 60 accounts with 25 expenses, 20 savings transactions, 50 checks per month. (II or Disk). **26-1603** **19.95**

Cassette Portfolio. Keep close tabs on your investments. Includes transactions, summary, options, and index. (II). **26-1506** **29.95**

In-Memory Information. Computerized card filing system. (II).
26-1508 . . . . . **19.95**

Entertainment

Space Warp. Find and destroy space aliens! (I or II).
26-1912 . . . . . **14.95**

Paddle Pinball. Fast action! Audio amplifier optional. (II).
26-1914 . . . . . **9.95**

NEW! Bedlam. Experience weird adventures as you try to escape from an insane asylum! (II). **26-1917** **14.95**

"Quick, Watson." (I or II). **26-1802** **4.95**

Haunted House. (I or II). **26-1910** **9.95**

Microchess. (4K Level I—Model I only, or II). **26-1901** **19.95**

Dancing Demon. (II, audio amplifier). **26-1911** **9.95**

Gammon Gambler™. (II). **26-1916** **19.95**

Flying Saucers. (I or II). **26-1905** **9.95**

Invasion Force. (II). **26-1906** **14.95**

"Eliza" Artificial Intelligence. (I or II). **26-1908** **14.95**

Pyramid. (II). **26-1909** **14.95**

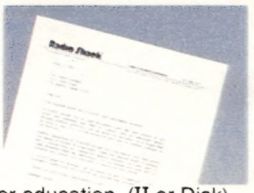
New Low Price! Astrology. (II).
26-1605. Was $29.95 in 1982 Catalog. **19.95**

Raaka-Tu™. (II). **26-1915** **14.95**

Casino Games I. (II). **26-1806** **19.95**

™Dream Machine Collective

Business



SCRIPSIT™ Word Processing. Cassette version of our popular word processing system! Compose and edit text on the video display, then print correction-free documents with optional printer. Save text on cassette for later use. (II). **26-1505** **39.95**

Advanced Statistical Analysis. User-oriented data analysis system ideal for business or education. (II or Disk).
26-1705 . . . . . **39.95**

Cassette Mailing List. (II). **26-1503** **19.95**

Real Estate I. (II). **26-1571** **29.95**

Real Estate II. (II). **26-1572** **29.95**

Real Estate III. (II). **26-1573** **29.95**

Real Estate IV. (II). **26-1574** **29.95**

RS-232C Communications Package. Allows pair of Model I and/or Model III computers to communicate over phone. (II, or 32K 1-Disk). **26-1149** **39.95**

Programming

Model III BASIC Tape Instruction Course. Introduction to programming. Includes eight lessons with helpful quizzes and examples. (Model III BASIC).
26-2015 . . . . . **24.95**

NEW! Tiny Pascal. Great introduction to this structured programming language. Fixed point, non-array version of PASCAL. Includes sample programs. (Model III BASIC). Avail. 11/1/82. **26-2020** **19.95**

Model I Version. (16K Level II). **26-2009** **19.95**

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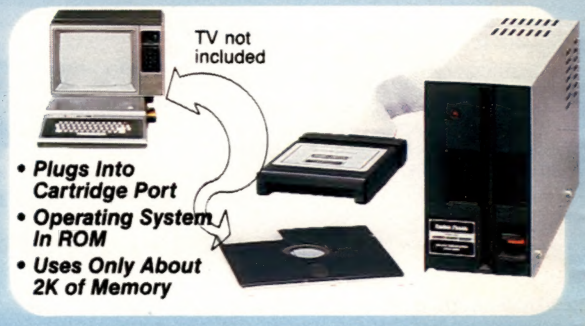

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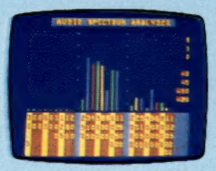

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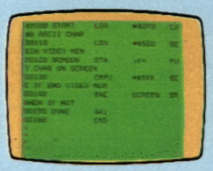

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